

Specificații tehnice

[Acest tabel va fi completat de către ofertant în coloanele 2, 3, 4, 6, 7, iar de către autoritatea contractantă – în coloanele 1, 5,]

Numărul procedurii de achiziție <https://mtender.gov.md/tenders/ocds-b3wdp1-MD-1739273730156?tab=contract-notice> din 11 feb 2025

Obiectul achiziției: Generatoare electrice

Denumirea serviciilor	Denumirea modelului - serviciului	Țara de origine	Producătorul	Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant	Standarde de referință																																																		
1	2	3	4	5	6	7																																																		
Generator electric ≈ 5kW	FE-P 10 SILENT TYPE DIESEL PORTABLE SINLGL- PHASE GENERATOR 8 KW- 10 KVA	TURCIA	TURCIA	Putere nominală - minim 6.25kVA/5 kW; Starea generatorului: nou; Anul producerii: minim 2023; Garanție: minim 24 luni; Tip motor – motorină (diesel), preîncălzitor combustibil, cu senzor de nivel scăzut al uleiului cu oprire automata a motorului; Sistem de pornire: pornire electrică automată și manuală; Tensiune nominală – 400/230 V, trifazat/monofazat; Frecvența - 50 Hz; Nivel de zgomot: maxim 7dB la 7m distanța; Sistem de răcire - lichid; Autonomie la sarcina maximă: minim 8 h; Regulator de turație: electronic pentru stabilitate optimă a tensiunii; Factor de putere: minim 0,8 (lagging) Panou de control: digital cu afișaj pentru parametrii funcționali (frecvență, tensiune, curent, contor de ore funcționare); Carcasă insonorizată (vopsită în câmp	<table><tr><td colspan="2">Genset</td></tr><tr><td>Standby</td><td>8 kW /10 kVA</td></tr><tr><td>Prime</td><td>7.2kW /9 kVA</td></tr><tr><td>Rated Current</td><td>43</td></tr><tr><td>Dc Output</td><td>12V 8.3A</td></tr><tr><td>Starting System</td><td>Electrical Start</td></tr><tr><td>Rated Voltage</td><td>220 (V)</td></tr><tr><td>Fuel Type</td><td>Diesel</td></tr><tr><td>Number of Phases:</td><td>Single Phase</td></tr><tr><td>Noise Level</td><td>74 Db(A)</td></tr><tr><td>Continuous Operating Time</td><td>13 H</td></tr><tr><td>Rated Frequency</td><td>50 / 60 Hz</td></tr><tr><td>Power Factor (cosφ)</td><td>1.0 / 0.8</td></tr></table> <table><tr><td colspan="2">Engine</td></tr><tr><td>Model</td><td>195FCG</td></tr><tr><td>Max. Output Power</td><td>8.0 hp /8.8 kW</td></tr><tr><td>Rotation Speed</td><td>3000 / 3600 r/min</td></tr><tr><td>Cooling System</td><td>Air-Cooled</td></tr><tr><td>Excitation Mode</td><td>SCR Self-Excited</td></tr><tr><td>Oil Type</td><td>10W-30, 15W-40</td></tr><tr><td>Fuel Tank Capacity</td><td>16 L</td></tr><tr><td>Bore×Stroke</td><td>95x75 mm</td></tr><tr><td>Displacement</td><td>0.535 L</td></tr><tr><td>Lubrication oil capacity</td><td>1.65 L</td></tr><tr><td>Engine Type</td><td>1 Cylinder, 4Stroke, Direct Injection, Diesel Engine</td></tr></table>	Genset		Standby	8 kW /10 kVA	Prime	7.2kW /9 kVA	Rated Current	43	Dc Output	12V 8.3A	Starting System	Electrical Start	Rated Voltage	220 (V)	Fuel Type	Diesel	Number of Phases:	Single Phase	Noise Level	74 Db(A)	Continuous Operating Time	13 H	Rated Frequency	50 / 60 Hz	Power Factor (cosφ)	1.0 / 0.8	Engine		Model	195FCG	Max. Output Power	8.0 hp /8.8 kW	Rotation Speed	3000 / 3600 r/min	Cooling System	Air-Cooled	Excitation Mode	SCR Self-Excited	Oil Type	10W-30, 15W-40	Fuel Tank Capacity	16 L	Bore×Stroke	95x75 mm	Displacement	0.535 L	Lubrication oil capacity	1.65 L	Engine Type	1 Cylinder, 4Stroke, Direct Injection, Diesel Engine	
Genset																																																								
Standby	8 kW /10 kVA																																																							
Prime	7.2kW /9 kVA																																																							
Rated Current	43																																																							
Dc Output	12V 8.3A																																																							
Starting System	Electrical Start																																																							
Rated Voltage	220 (V)																																																							
Fuel Type	Diesel																																																							
Number of Phases:	Single Phase																																																							
Noise Level	74 Db(A)																																																							
Continuous Operating Time	13 H																																																							
Rated Frequency	50 / 60 Hz																																																							
Power Factor (cosφ)	1.0 / 0.8																																																							
Engine																																																								
Model	195FCG																																																							
Max. Output Power	8.0 hp /8.8 kW																																																							
Rotation Speed	3000 / 3600 r/min																																																							
Cooling System	Air-Cooled																																																							
Excitation Mode	SCR Self-Excited																																																							
Oil Type	10W-30, 15W-40																																																							
Fuel Tank Capacity	16 L																																																							
Bore×Stroke	95x75 mm																																																							
Displacement	0.535 L																																																							
Lubrication oil capacity	1.65 L																																																							
Engine Type	1 Cylinder, 4Stroke, Direct Injection, Diesel Engine																																																							

				electrostatic cu rezistența mărită la factorii climatici), cu izolație fonică, rezistență la intemperii, temperaturi înalte și neinflamabilă; Protecții incluse: - protecție la sarcină, - la scurt circuit, - la nivelul scăzut de ulei; Accesorii incluse: - borne pentru împământare, - rezervor de combustibil integrat, - kit de întreținere și manual de utilizare; Dotat cu minim 2 prize; Conformitate: generatoarele trebuie să respecte standardele europene (CE, ISO 8528); Livrarea și instalarea se va efectua de către operatorul economic învingător din contul acestuia, în termen de 1 lună de la semnarea contractului.	 <u>Oil Level Alarm</u> When the oil level is low that the engine will not start.  <u>AVR</u> AVR is a device often solid state, for controlling the output voltage of a generator  <u>Digital Control Panel</u> Digital control panel (V, A,Hz,kW,Bat V values are displayed on the control panel).  <u>Sound Insulated Protection Cabins</u> Its designed to provide ideal sound level & protection.  <u>Circuit Protector</u> Circuit Protector is a device capable of carrying and interrupting both load and fault current up to a certain rating  <u>Large Fuel Tank Capacity</u>  <u>Battery</u> 12V-36A  <u>Wheel Transport System</u>  <u>ATS Socket</u>	Continuous Power The maximum power which a generating set is capable of delivering continuously whilst supplying a constant electrical load. Average load can be 100%. The generator must not be overloaded. Standby Power The maxpower available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200 hrs of operation per year under average of 70%load.Overloading isn't permissible. Prime Power The maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load. Average load should be 70%. The generator can be overloaded 10% for 1 hour per 12 hrs. Our company has ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 10002:2018 quality certificates. Fe Power generators comply with the CE marking, which includes the following directives:
--	--	--	--	---	--	---

					• 2006/42/EC, Machinery safety • 2006/95/EC, Low Voltage (LVD) Directive • TS EN 60204-1, TS EN 88528-11, TS 12650, TS ISO 8528-1, TS ISO 8528-2, TS ISO 8528-3, TS ISO 8528-4, TS ISO 8528-5, TS ISO 8528 - 6, TS ISO 8528 – 8, TS ISO 8528-12, TS 3033 EN 60529, TS EN 60034-22, TS EN 88528-11, TS HD 60364-5-551 Anul producerii: minim 2024; Garanție: minim 24 luni; Livrarea și instalarea se va efectua de către operatorul economic învingător din contul acestuia, în termen de 1 lună de la semnarea contractului. Mai multe detalii in Anexa 1 atasata																																																			
Generator electric ≈ 10 kW	FE-P15-3 SILENT TYPE DIESEL PORTABLE THREE- PHASE GENERAT OR 12 KW- 15 KVA	TURCIA	TURCIA	Putere nominală - minim 12.5kVA/10 kW; Starea generatorului: nou; Anul producerii: minim 2023; Garanție: minim 24 luni; Tip motor – motorină (diesel), preîncălzitor combustibil, senzor de nivel scăzut al uleiului cu oprire automata a motorului; Sistem de pornire: pornire electrică automată și manuală; Tensiune nominală – 400/230 V, trifazat/monofazat; Frecvența - 50 Hz; Nivel de zgomot: maxim 7dB la 7m distanța; Sistem de răcire - lichid; Autonomie la sarcina maximă: minim 8 h; Regulator de turație: electronic pentru stabilitate optimă a tensiunii; Factor de putere: minim 0,8 (lagging) Panou de control: digital cu afișaj pentru parametrii funcționali (frecvență, tensiune, curent, contor de ore funcționare); Carcasă insonorizată (vopsită în câmp electrostatic cu rezistența mărită la factorii climatici), cu izolație fonică, rezistentă la intemperii, temperaturi înalte	<table><tr><th colspan="2">Genset</th></tr><tr><td>Standby</td><td>12 kW /15 kVA</td></tr><tr><td>Prime</td><td>11 kW /14 kVA</td></tr><tr><td>Rated Current</td><td>45 /23 A</td></tr><tr><td>Dc Output</td><td>12V 8.3A</td></tr><tr><td>Starting System</td><td>Electrical Start</td></tr><tr><td>Rated Voltage</td><td>220 / 380 (V)</td></tr><tr><td>Fuel Type</td><td>Diesel</td></tr><tr><td>Number of Phases:</td><td>Three Phase</td></tr><tr><td>Noise Level</td><td>74 Db(A)</td></tr><tr><td>Continuous Operating Time</td><td>12 H</td></tr><tr><td>Rated Frequency</td><td>50 / 60 Hz</td></tr><tr><td>Power Factor (cosφ)</td><td>1.0 / 0.8</td></tr><tr><th colspan="2">Engine</th></tr><tr><td>Model</td><td>2V92FG</td></tr><tr><td>Max. Output Power</td><td>22 hp /16 kW</td></tr><tr><td>Rotation Speed</td><td>3000 / 3600 r/min</td></tr><tr><td>Cooling System</td><td>Air-Cooled</td></tr><tr><td>Excitation Mode</td><td>SCR Self-Excited</td></tr><tr><td>Oil Type</td><td>10W-30, 15W-40</td></tr><tr><td>Fuel Tank Capacity</td><td>25 L</td></tr><tr><td>Bore×Stroke</td><td>92x75 mm</td></tr><tr><td>Displacement</td><td>0.997 L</td></tr><tr><td>Lubrication oil capacity</td><td>3.8 L</td></tr><tr><td>Engine Type</td><td>2Cylinder,4Stroke Direct Injection,, Diesel Engine</td></tr></table>	Genset		Standby	12 kW /15 kVA	Prime	11 kW /14 kVA	Rated Current	45 /23 A	Dc Output	12V 8.3A	Starting System	Electrical Start	Rated Voltage	220 / 380 (V)	Fuel Type	Diesel	Number of Phases:	Three Phase	Noise Level	74 Db(A)	Continuous Operating Time	12 H	Rated Frequency	50 / 60 Hz	Power Factor (cosφ)	1.0 / 0.8	Engine		Model	2V92FG	Max. Output Power	22 hp /16 kW	Rotation Speed	3000 / 3600 r/min	Cooling System	Air-Cooled	Excitation Mode	SCR Self-Excited	Oil Type	10W-30, 15W-40	Fuel Tank Capacity	25 L	Bore×Stroke	92x75 mm	Displacement	0.997 L	Lubrication oil capacity	3.8 L	Engine Type	2Cylinder,4Stroke Direct Injection,, Diesel Engine	
Genset																																																								
Standby	12 kW /15 kVA																																																							
Prime	11 kW /14 kVA																																																							
Rated Current	45 /23 A																																																							
Dc Output	12V 8.3A																																																							
Starting System	Electrical Start																																																							
Rated Voltage	220 / 380 (V)																																																							
Fuel Type	Diesel																																																							
Number of Phases:	Three Phase																																																							
Noise Level	74 Db(A)																																																							
Continuous Operating Time	12 H																																																							
Rated Frequency	50 / 60 Hz																																																							
Power Factor (cosφ)	1.0 / 0.8																																																							
Engine																																																								
Model	2V92FG																																																							
Max. Output Power	22 hp /16 kW																																																							
Rotation Speed	3000 / 3600 r/min																																																							
Cooling System	Air-Cooled																																																							
Excitation Mode	SCR Self-Excited																																																							
Oil Type	10W-30, 15W-40																																																							
Fuel Tank Capacity	25 L																																																							
Bore×Stroke	92x75 mm																																																							
Displacement	0.997 L																																																							
Lubrication oil capacity	3.8 L																																																							
Engine Type	2Cylinder,4Stroke Direct Injection,, Diesel Engine																																																							

			și neinflamabilă; Protecții incluse: - protecție la sarcină, - la scurt circuit, - la nivelul scăzut de ulei; Accesorii incluse: - borne pentru împământare, - rezervor de combustibil integrat, - kit de întreținere și manual de utilizare; Dotat cu minim 2 prize; Conformitate: generatoarele trebuie să respecte standardele europene (CE, ISO 8528); Livrarea și instalarea se va efectua de către operatorul economic învingător din contul acestuia, în termen de 1 lună de la semnarea contractului.	 <u>Circuit Protector</u> Circuit Protector is a device capable of carrying and interrupting both load and fault current up to a certain rating  <u>Large Fuel Tank Capacity</u>  <u>Battery</u> 12V-45A  <u>Wheel Transport System</u>  <u>Oil Level Alarm</u> When the oil level is low that the engine will not start.  <u>AVR</u> AVR is a device often solid state, for controlling the output voltage of a generator  <u>Digital Control Panel</u> Digital control panel (V, A,Hz,kW,Bat V values are displayed on the control panel).  <u>Sound Insulated Protection Cabins</u> Its designed to provide ideal sound level & protection.  <u>ATS Scket</u> <u>Continuous Power</u> The maximum power which a generating set is capable of delivering continuously whilst supplying a constant electrical load. Average load can be 100%. The generator must not be overloaded. <u>Standby Power</u> The maxpower available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utilitypower outage or under test conditions for up to 200 hrs of operation per year under average of 70%load.Overloading isn't permissible. <u>Prime Power</u> The maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load. Average load should be 70%. The generator can be overloaded 10% for 1 hour per 12 hrs. Our company has ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 10002:2018 quality certificates. Fe Power	
--	--	--	--	--	--

					generators comply with the CE marking, which includes the following directives: • 2006/42/EC, Machinery safety • 2006/95/EC, Low Voltage (LVD) Directive • TS EN 60204-1, TS EN 88528-11, TS 12650, TS ISO 8528-1, TS ISO 8528-2, TS ISO 8528-3, TS ISO 8528-4, TS ISO 8528-5, TS ISO 8528 - 6, TS ISO 8528 – 8, TS ISO 8528-12, TS 3033 EN 60529, TS EN 60034-22, TS EN 88528-11, TS HD 60364-5-551 Anul producerii: minim 2024; Garanție: minim 24 luni; Livrarea și instalarea se va efectua de către operatorul economic învingător din contul acestuia, în termen de 1 lună de la semnarea contractului. Mai multe detalii in Anexa 1 atasata																											
Generator electric ≈ 50 kW	FE-QST 70 GENERATOR SET WITH CABINET AND AUTOMATIC TRANSFER PANEL (4 POLE ATS) & WATER RESISTANCE - CONTROL PANEL: DATAKOM D-300 70 KVA STANDBY-63 KVA PRIME POWERS	TURCIA	TURCIA	Putere nominală - minim 62.5kVA/50 kW; Starea generatorului: nou; Anul producerii: minim 2023; Garanție: minim 24 luni; Tip motor – motorină (diesel), preîncălzitor combustibil, senzor de nivel scăzut al uleiului cu oprire automata a motorului; Sistem de pornire: pornire electrică automată și manuală; Tensiune nominală – 400/230 V, trifazat/monofazat; Frecvența - 50 Hz; Nivel de zgomot: maxim 7dB la 7m distanța; Sistem de răcire - lichid; Autonomie la sarcina maximă: minim 8 h; Regulator de turație: electronic pentru stabilitate optimă a tensiunii; Factor de putere: minim 0,8 (lagging) Panou de control: digital cu afișaj pentru parametrii funcționali (frecvență, tensiune, curent, contor de ore funcționare); Carcasă insonorizată (vopsită în câmp electrostatic cu rezistența mărită la factorii climatici), cu izolație fonică, rezistentă la intemperii, temperaturi înalte	 Water Cooled  50 Hz  Easy Maintenance  Three Phase  Diesel  Warning System for Fuel Level <table><tr><th>GENERAL FEATURES</th><th>PRIME</th><th>STANDBY</th></tr><tr><td>Power</td><td>KVA</td><td>63</td><td>70</td></tr><tr><td>Power</td><td>KW</td><td>50</td><td>56</td></tr><tr><td>Power</td><td>(cos Phi=0.8) A</td><td>90.72</td><td>100.8</td></tr><tr><td>Standard Voltage</td><td>V</td><td colspan="2">400/230</td></tr><tr><td>Revolutions per minute</td><td>r.p.m</td><td colspan="2">1500</td></tr><tr><td>Rated at power factor</td><td>Cos Phi</td><td colspan="2">0.8</td></tr></table> STANDARD FEATURES • 4 Stroke, 1500 RPM, water-cooled heavy-duty diesel engine • Dry type replaceable air filter • Radiator capable of cooling up to 50 ° C • Flexible oil pipes and oil draining valve • Pre-heater • 4 Poles, synchronize, single bearing, brushless alternator • Batteries and cables • Electrostatic paint coated, steel, welded chassis • Fuel tank housed in the chassis. • Industrial type silencer • Electronic battery charger • Electrical wiring diagram • User manual and operating manual	GENERAL FEATURES	PRIME	STANDBY	Power	KVA	63	70	Power	KW	50	56	Power	(cos Phi=0.8) A	90.72	100.8	Standard Voltage	V	400/230		Revolutions per minute	r.p.m	1500		Rated at power factor	Cos Phi	0.8	
GENERAL FEATURES	PRIME	STANDBY																														
Power	KVA	63	70																													
Power	KW	50	56																													
Power	(cos Phi=0.8) A	90.72	100.8																													
Standard Voltage	V	400/230																														
Revolutions per minute	r.p.m	1500																														
Rated at power factor	Cos Phi	0.8																														

				și neinflamabilă; Protecții incluse: - protecție la sarcină, - la scurt circuit, - la nivelul scăzut de ulei; Accesorii incluse: - borne pentru împământare, - rezervor de combustibil integrat, - kit de întreținere și manual de utilizare; Dotat cu minim 2 prize; Conformitate: generatoarele trebuie să respecte standardele europene (CE, ISO 8528); Livrarea și instalarea se va efectua de către operatorul economic învingător din contul acestuia, în termen de 1 lună de la semnarea contractului.	OPTIONAL FEATURES • Soundproof canopy • Automatic transfer switch • Circuit breaker • Trailer / Land transport • External fuel tank • Heating system for fuel tank • Oil heater • Fuel filling system • (Automatic / Manuel) • Analogue indicators • 1 - 3 Phase switch plugs • Alarm system for fuel level • Remote control monitoring system ENGINE SPECIFICATION <table><tr><td>Brand</td><td>QSTRONG</td></tr><tr><td>Model</td><td>ZH4105ZD</td></tr><tr><td>Standby / Prime</td><td>(kW) 62/56</td></tr><tr><td>Revolutions Per Minute</td><td>(r.p.m.) 1500</td></tr><tr><td>Cylinder Displacement</td><td>(L) 3.9</td></tr><tr><td>Number of Cylinder</td><td>4 IN LINE</td></tr><tr><td>Bore x Stroke</td><td>(mm x mm) 105x125</td></tr><tr><td>Compression Rate</td><td>17: 01</td></tr><tr><td>Governor Type</td><td>MECHANICAL</td></tr><tr><td>Cooling System</td><td>TURBO CHARGER INTERCOOLED</td></tr><tr><td>Spray Shape</td><td>DIRECT</td></tr><tr><td>Cooling Shape</td><td>WATER COOLED</td></tr><tr><td>Electric System</td><td>(V) 12</td></tr><tr><td>Lubrication Oil Capacity</td><td>(L) 13</td></tr><tr><td>Engine Coolant Capacity</td><td>(L) 17</td></tr><tr><td>Fuel Tank</td><td>(L) 150</td></tr><tr><td>Fuel Consumption 50%</td><td>(L/h) 7.5</td></tr><tr><td>Fuel Consumption 75%</td><td>(L/h) 11.2</td></tr><tr><td>Fuel Consumption 100%</td><td>(L/h) 15</td></tr></table> * Replaceable cylinder jacket * Dry type replaceable oil filter *Heat -resistant radiator for 50 ° C ALTERNATOR SPECIFICATIONS <table><tr><td>Manufacturer</td><td>MUYI</td></tr><tr><td>Alternator Model</td><td>MY1 224E</td></tr><tr><td>Power</td><td>(kVA) 70</td></tr><tr><td>Output Voltage</td><td>(V) 400/230</td></tr><tr><td>Frequency</td><td>(Hz) 50</td></tr><tr><td>Stationary Voltage Regulation</td><td>(±) 1 %</td></tr><tr><td>Short Circuit Current</td><td>>300%</td></tr><tr><td>Insulation</td><td>H</td></tr><tr><td>Protection</td><td>IP 22</td></tr><tr><td>Efficiency</td><td>(%) 92.4</td></tr><tr><td>Overloading</td><td>%110 FOR 1 HOURS</td></tr><tr><td>Power Factor</td><td>(cos Ph) 0.8</td></tr><tr><td>Total Harmonic Distortion Rate</td><td>THF<2%</td></tr><tr><td>Connection Type</td><td>STAR</td></tr><tr><td>Number of Pole</td><td>4</td></tr><tr><td>Number of Bearing</td><td>SINGLE</td></tr></table> *4 Poles, Self – Excitation and Self-Cooled, Brushless, Synchro type alternator *Electronic type automatic voltage regulator [AVR] STANDBY POWER; It is the limited time operating power under variable load. Used as backup power at mains power failure. Overloads are not allowed. PRIME POWER;	Brand	QSTRONG	Model	ZH4105ZD	Standby / Prime	(kW) 62/56	Revolutions Per Minute	(r.p.m.) 1500	Cylinder Displacement	(L) 3.9	Number of Cylinder	4 IN LINE	Bore x Stroke	(mm x mm) 105x125	Compression Rate	17: 01	Governor Type	MECHANICAL	Cooling System	TURBO CHARGER INTERCOOLED	Spray Shape	DIRECT	Cooling Shape	WATER COOLED	Electric System	(V) 12	Lubrication Oil Capacity	(L) 13	Engine Coolant Capacity	(L) 17	Fuel Tank	(L) 150	Fuel Consumption 50%	(L/h) 7.5	Fuel Consumption 75%	(L/h) 11.2	Fuel Consumption 100%	(L/h) 15	Manufacturer	MUYI	Alternator Model	MY1 224E	Power	(kVA) 70	Output Voltage	(V) 400/230	Frequency	(Hz) 50	Stationary Voltage Regulation	(±) 1 %	Short Circuit Current	>300%	Insulation	H	Protection	IP 22	Efficiency	(%) 92.4	Overloading	%110 FOR 1 HOURS	Power Factor	(cos Ph) 0.8	Total Harmonic Distortion Rate	THF<2%	Connection Type	STAR	Number of Pole	4	Number of Bearing	SINGLE	
Brand	QSTRONG																																																																											
Model	ZH4105ZD																																																																											
Standby / Prime	(kW) 62/56																																																																											
Revolutions Per Minute	(r.p.m.) 1500																																																																											
Cylinder Displacement	(L) 3.9																																																																											
Number of Cylinder	4 IN LINE																																																																											
Bore x Stroke	(mm x mm) 105x125																																																																											
Compression Rate	17: 01																																																																											
Governor Type	MECHANICAL																																																																											
Cooling System	TURBO CHARGER INTERCOOLED																																																																											
Spray Shape	DIRECT																																																																											
Cooling Shape	WATER COOLED																																																																											
Electric System	(V) 12																																																																											
Lubrication Oil Capacity	(L) 13																																																																											
Engine Coolant Capacity	(L) 17																																																																											
Fuel Tank	(L) 150																																																																											
Fuel Consumption 50%	(L/h) 7.5																																																																											
Fuel Consumption 75%	(L/h) 11.2																																																																											
Fuel Consumption 100%	(L/h) 15																																																																											
Manufacturer	MUYI																																																																											
Alternator Model	MY1 224E																																																																											
Power	(kVA) 70																																																																											
Output Voltage	(V) 400/230																																																																											
Frequency	(Hz) 50																																																																											
Stationary Voltage Regulation	(±) 1 %																																																																											
Short Circuit Current	>300%																																																																											
Insulation	H																																																																											
Protection	IP 22																																																																											
Efficiency	(%) 92.4																																																																											
Overloading	%110 FOR 1 HOURS																																																																											
Power Factor	(cos Ph) 0.8																																																																											
Total Harmonic Distortion Rate	THF<2%																																																																											
Connection Type	STAR																																																																											
Number of Pole	4																																																																											
Number of Bearing	SINGLE																																																																											

					It is the continuous operating power under variable load. According to ISO 3046, 10% overload is allowed for 1 hour per 12 hours. Our company has ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 10002:2018 quality certificates. Fe Power generators comply with the CE marking, which includes the following directives: • 2006/42/EC, Machinery safety • 2006/95/EC, Low Voltage (LVD) Directive • TS EN 60204-1, TS EN 88528-11, TS 12650, TS ISO 8528-1, TS ISO 8528-2, TS ISO 8528-3, TS ISO 8528-4, TS ISO 8528-5, TS ISO 8528 - 6, TS ISO 8528 – 8, TS ISO 8528-12, TS 3033 EN 60529, TS EN 60034-22, TS EN 88528-11, TS HD 60364-5-551 Anul producerii: minim 2024; Garanție: minim 24 luni; Livrarea și instalarea se va efectua de către operatorul economic învingător din contul acestuia, în termen de 1 lună de la semnarea contractului. Mai multe detalii in Anexa 1 atasata																						
Generator electric ≈ 80 kW	FE-QST 100 GENERATOR OR SET WITH CABINET AND AUTOMATIC TRANSFER PANEL (4 POLE ATS) & WATER RESISTANCE - CONTROL PANEL:	TURCIA	TURCIA	Putere nominală - minim 100kVA/80 kW; Starea generatorului: nou; Anul producerii: minim 2023; Garanție: minim 24 luni; Tip motor – motorină (diesel), preîncălzitor combustibil, senzor de nivel scăzut al uleiului cu oprire automata a motorului; Sistem de pornire: pornire electrică automată și manuală; Tensiune nominală – 400/230 V, trifazat/monofazat; Frecvența - 50 Hz; Nivel de zgomot: maxim 7dB la 7m distanța; Sistem de răcire - lichid; Autonomie la sarcina maximă: minim 8 h; Regulator de turație: electronic pentru stabilitate optimă a tensiunii;	Water Cooled 50 Hz Easy Maintenance Three Phase Diesel Warning System for Fuel Level <table><tr><th>GENERAL FEATURES</th><th>PRIME</th><th>STANDBY</th></tr><tr><td>Power</td><td>KVA</td><td>90</td></tr><tr><td>Power</td><td>KW</td><td>66</td></tr><tr><td>Power</td><td>(cos Phi=0,8) A</td><td>129.6</td></tr><tr><td>Standard Voltage</td><td>V</td><td>400/230</td></tr><tr><td>Revolutions per minute</td><td>r.p.m</td><td>1500</td></tr><tr><td>Rated at power factor</td><td>Cos Phi</td><td>0,8</td></tr></table>	GENERAL FEATURES	PRIME	STANDBY	Power	KVA	90	Power	KW	66	Power	(cos Phi=0,8) A	129.6	Standard Voltage	V	400/230	Revolutions per minute	r.p.m	1500	Rated at power factor	Cos Phi	0,8	
GENERAL FEATURES	PRIME	STANDBY																									
Power	KVA	90																									
Power	KW	66																									
Power	(cos Phi=0,8) A	129.6																									
Standard Voltage	V	400/230																									
Revolutions per minute	r.p.m	1500																									
Rated at power factor	Cos Phi	0,8																									

	DATAKOM D-300 100 KVA STANDBY- 90 KVA PRIME POWER		Factor de putere: minim 0,8 (lagging) Panou de control: digital cu afișaj pentru parametrii funcționali (frecvență, tensiune, curent, contor de ore funcționare); Carcasă insonorizată (vopsită în câmp electrostatic cu rezistența mărită la factorii climatici), cu izolație fonică, rezistentă la intemperii, temperaturi înalte și neinflamabilă; Protecții incluse: - protecție la sarcină, - la scurt circuit, - la nivelul scăzut de ulei; Accesorii incluse: - borne pentru împământare, - rezervor de combustibil integrat, - kit de întreținere și manual de utilizare; Dotat cu minim 2 prize; Conformitate: generatoarele trebuie să respecte standardele europene (CE, ISO 8528); Livrarea și instalarea se va efectua de către operatorul economic învingător din contul acestuia, în termen de 1 lună de la semnarea contractului.	STANDARD FEATURES • 4 Stroke, 1500 RPM, water-cooled heavy-duty diesel engine • Dry type replaceable air filter • Radiator capable of cooling up to 50 ° C • Flexible oil pipes and oil draining valve • Pre-heater • 4 Poles, synchronize, single bearing, brushless alternator • Batteries and cables • Electrostatic paint coated, steel, welded chassis • Fuel tank housed in the chassis. • Industrial type silencer • Electronic battery charger • Electrical wiring diagram • User manual and operating manual OPTIONAL FEATURES • Soundproof canopy • Automatic transfer switch • Circuit breaker • Trailer / Land transport • External fuel tank • Heating system for fuel tank • Oil heater • Fuel filling system • (Automatic / Manuel) • Analogue indicators • 1 - 3 Phase switch plugs • Alarm system for fuel level • Remote control monitoring system ENGINE SPECIFICATION <table><tr><td>Brand</td><td>QSTRONG</td></tr><tr><td>Model</td><td>R410SAZLD</td></tr><tr><td>Standby / Prime</td><td>(kW) 73/66</td></tr><tr><td>Revolutions Per Minute</td><td>(r.p.m.) 1500</td></tr><tr><td>Cylinder Displacement</td><td>(L) 4.6</td></tr><tr><td>Number of Cylinder</td><td>4 IN LINE</td></tr><tr><td>Bore x Stroke</td><td>(mm x mm) 105x130</td></tr><tr><td>Compression Rate</td><td>17: 00</td></tr><tr><td>Governor Type</td><td>MECHANICAL</td></tr><tr><td>Cooling System</td><td>TURBO CHARGER INTERCOOLED</td></tr><tr><td>Spray Shape</td><td>DIRECT</td></tr><tr><td>Cooling Shape</td><td>WATER COOLED</td></tr><tr><td>Electric System</td><td>(V) 12</td></tr><tr><td>Lubrication Oil Capacity</td><td>(L) 14</td></tr><tr><td>Engine Coolant Capacity</td><td>(L) 13</td></tr><tr><td>Fuel Tank</td><td>(L) 150</td></tr><tr><td>Fuel Consumption 50%</td><td>(L/h) 10</td></tr><tr><td>Fuel Consumption 75%</td><td>(L/h) 14</td></tr><tr><td>Fuel Consumption 100%</td><td>(L/h) 19</td></tr></table> * Replaceable cylinder jacket * Dry type replaceable oil filter *Heat -resistant radiator for 50 ° C	Brand	QSTRONG	Model	R410SAZLD	Standby / Prime	(kW) 73/66	Revolutions Per Minute	(r.p.m.) 1500	Cylinder Displacement	(L) 4.6	Number of Cylinder	4 IN LINE	Bore x Stroke	(mm x mm) 105x130	Compression Rate	17: 00	Governor Type	MECHANICAL	Cooling System	TURBO CHARGER INTERCOOLED	Spray Shape	DIRECT	Cooling Shape	WATER COOLED	Electric System	(V) 12	Lubrication Oil Capacity	(L) 14	Engine Coolant Capacity	(L) 13	Fuel Tank	(L) 150	Fuel Consumption 50%	(L/h) 10	Fuel Consumption 75%	(L/h) 14	Fuel Consumption 100%	(L/h) 19	
Brand	QSTRONG																																										
Model	R410SAZLD																																										
Standby / Prime	(kW) 73/66																																										
Revolutions Per Minute	(r.p.m.) 1500																																										
Cylinder Displacement	(L) 4.6																																										
Number of Cylinder	4 IN LINE																																										
Bore x Stroke	(mm x mm) 105x130																																										
Compression Rate	17: 00																																										
Governor Type	MECHANICAL																																										
Cooling System	TURBO CHARGER INTERCOOLED																																										
Spray Shape	DIRECT																																										
Cooling Shape	WATER COOLED																																										
Electric System	(V) 12																																										
Lubrication Oil Capacity	(L) 14																																										
Engine Coolant Capacity	(L) 13																																										
Fuel Tank	(L) 150																																										
Fuel Consumption 50%	(L/h) 10																																										
Fuel Consumption 75%	(L/h) 14																																										
Fuel Consumption 100%	(L/h) 19																																										

					<table><tr><th colspan="3">ALTERNATOR SPECIFICATIONS</th></tr><tr><td>Manufacturer</td><td></td><td>MUYI</td></tr><tr><td>Alternator Model</td><td></td><td>MYI 224G</td></tr><tr><td>Power</td><td>(kVA)</td><td>100</td></tr><tr><td>Output Voltage</td><td>(V)</td><td>400/230</td></tr><tr><td>Frequency</td><td>(Hz)</td><td>50</td></tr><tr><td>Stationary Voltage Regulation</td><td>(±)</td><td>1 %</td></tr><tr><td>Short Circuit Current</td><td></td><td>>300%</td></tr><tr><td>Insulation</td><td></td><td>H</td></tr><tr><td>Protection</td><td></td><td>IP 22</td></tr><tr><td>Efficiency</td><td>(%)</td><td>92.4</td></tr><tr><td>Overloading</td><td></td><td>%110 FOR 1 HOURS</td></tr><tr><td>Power Factor</td><td>(cos Ph)</td><td>0.8</td></tr><tr><td>Total Harmonic Distortion Rate</td><td></td><td>THF<2%</td></tr><tr><td>Connection Type</td><td></td><td>STAR</td></tr><tr><td>Number of Pole</td><td></td><td>4</td></tr><tr><td>Number of Bearing</td><td></td><td>SINGLE</td></tr><tr><td colspan="3">*4 Poles, Self – Excitation and Self-Cooled, Brushless, Synchro type alternator *Electronic type automatic voltage regulator [AVR]</td></tr><tr><td colspan="3">STANDBY POWER; It is the limited time operating power under variable load. Used as backup power at mains power failure. Overloads are not allowed. PRIME POWER; It is the continuous operating power under variable load. According to ISO 3046, 10% overload is allowed for 1 hour per 12 hours. Our company has ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 10002:2018 quality certificates. Fe Power generators comply with the CE marking, which includes the following directives: • 2006/42/EC, Machinery safety • 2006/95/EC, Low Voltage (LVD) Directive • TS EN 60204-1, TS EN 88528-11, TS 12650, TS ISO 8528-1, TS ISO 8528-2, TS ISO 8528-3, TS ISO 8528-4, TS ISO 8528-5, TS ISO 8528 - 6, TS ISO 8528 – 8, TS ISO 8528-12, TS 3033 EN 60529, TS EN 60034-22, TS EN 88528-11, TS HD 60364-5-551 Anul producerii: minim 2024; Garanție: minim 24 luni; Livrarea și instalarea se va efectua de către operatorul economic învingător din contul acestuia, în termen de 1 lună de la semnarea contractului. Mai multe detalii in Anexa 1 atasata</td></tr></table>	ALTERNATOR SPECIFICATIONS			Manufacturer		MUYI	Alternator Model		MYI 224G	Power	(kVA)	100	Output Voltage	(V)	400/230	Frequency	(Hz)	50	Stationary Voltage Regulation	(±)	1 %	Short Circuit Current		>300%	Insulation		H	Protection		IP 22	Efficiency	(%)	92.4	Overloading		%110 FOR 1 HOURS	Power Factor	(cos Ph)	0.8	Total Harmonic Distortion Rate		THF<2%	Connection Type		STAR	Number of Pole		4	Number of Bearing		SINGLE	*4 Poles, Self – Excitation and Self-Cooled, Brushless, Synchro type alternator *Electronic type automatic voltage regulator [AVR]			STANDBY POWER; It is the limited time operating power under variable load. Used as backup power at mains power failure. Overloads are not allowed. PRIME POWER; It is the continuous operating power under variable load. According to ISO 3046, 10% overload is allowed for 1 hour per 12 hours. Our company has ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 10002:2018 quality certificates. Fe Power generators comply with the CE marking, which includes the following directives: • 2006/42/EC, Machinery safety • 2006/95/EC, Low Voltage (LVD) Directive • TS EN 60204-1, TS EN 88528-11, TS 12650, TS ISO 8528-1, TS ISO 8528-2, TS ISO 8528-3, TS ISO 8528-4, TS ISO 8528-5, TS ISO 8528 - 6, TS ISO 8528 – 8, TS ISO 8528-12, TS 3033 EN 60529, TS EN 60034-22, TS EN 88528-11, TS HD 60364-5-551 Anul producerii: minim 2024; Garanție: minim 24 luni; Livrarea și instalarea se va efectua de către operatorul economic învingător din contul acestuia, în termen de 1 lună de la semnarea contractului. Mai multe detalii in Anexa 1 atasata		
ALTERNATOR SPECIFICATIONS																																																														
Manufacturer		MUYI																																																												
Alternator Model		MYI 224G																																																												
Power	(kVA)	100																																																												
Output Voltage	(V)	400/230																																																												
Frequency	(Hz)	50																																																												
Stationary Voltage Regulation	(±)	1 %																																																												
Short Circuit Current		>300%																																																												
Insulation		H																																																												
Protection		IP 22																																																												
Efficiency	(%)	92.4																																																												
Overloading		%110 FOR 1 HOURS																																																												
Power Factor	(cos Ph)	0.8																																																												
Total Harmonic Distortion Rate		THF<2%																																																												
Connection Type		STAR																																																												
Number of Pole		4																																																												
Number of Bearing		SINGLE																																																												
*4 Poles, Self – Excitation and Self-Cooled, Brushless, Synchro type alternator *Electronic type automatic voltage regulator [AVR]																																																														
STANDBY POWER; It is the limited time operating power under variable load. Used as backup power at mains power failure. Overloads are not allowed. PRIME POWER; It is the continuous operating power under variable load. According to ISO 3046, 10% overload is allowed for 1 hour per 12 hours. Our company has ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 10002:2018 quality certificates. Fe Power generators comply with the CE marking, which includes the following directives: • 2006/42/EC, Machinery safety • 2006/95/EC, Low Voltage (LVD) Directive • TS EN 60204-1, TS EN 88528-11, TS 12650, TS ISO 8528-1, TS ISO 8528-2, TS ISO 8528-3, TS ISO 8528-4, TS ISO 8528-5, TS ISO 8528 - 6, TS ISO 8528 – 8, TS ISO 8528-12, TS 3033 EN 60529, TS EN 60034-22, TS EN 88528-11, TS HD 60364-5-551 Anul producerii: minim 2024; Garanție: minim 24 luni; Livrarea și instalarea se va efectua de către operatorul economic învingător din contul acestuia, în termen de 1 lună de la semnarea contractului. Mai multe detalii in Anexa 1 atasata																																																														

Generator electric ≈ 100 kW	FE-QST 125 GENERATOR SET WITH CABINET AND AUTOMATIC TRANSFER PANEL (4 POLE ATS) & WATER RESISTANCE - CONTROL PANEL: DATAKOM D-300 125 KVA STANDBY-113 KVA PRIME POWER	TURCIA	TURCIA	Putere nominală - minim 125kVA/100 kW; Starea generatorului: nou; Anul producerii: minim 2023; Garanție: minim 24 luni; Tip motor – motorină (diesel), preîncălzitor combustibil, senzor de nivel scăzut al uleiului cu oprire automata a motorului; Sistem de pornire: pornire electrică automată și manuală; Tensiune nominală – 400/230 V, trifazat/monofazat; Frecvența - 50 Hz; Nivel de zgomot: maxim 7dB la 7m distanță; Sistem de răcire - lichid; Autonomie la sarcina maximă: minim 8 h; Regulator de turație: electronic pentru stabilitate optimă a tensiunii; Factor de putere: minim 0,8 (lagging) Panou de control: digital cu afișaj pentru parametrii funcționali (frecvență, tensiune, curent, contor de ore funcționare); Carcasă insonorizată (vopsită în câmp electrostatic cu rezistența mărită la factorii climatici), cu izolație fonică, rezistență la intemperii, temperaturi înalte și neinflamabilă; Protecții incluse: - protecție la sarcină, - la scurt circuit, - la nivelul scăzut de ulei; Accesorii incluse: - borne pentru împământare, - rezervor de combustibil integrat, - kit de întreținere și manual de utilizare; Dotat cu minim 2 prize; Conformitate: generatoarele trebuie să respecte standardele europene (CE, ISO 8528); Livrarea și instalarea se va efectua de către operatorul economic învingător din contul acestuia, în termen de 1 lună de la	 Water Cooled  50 Hz  Easy Maintenance  Three Phase  Diesel  Warning System for Fuel Level <table><tr><th colspan="2">GENERAL FEATURES</th><th>PRIME</th><th>STANDBY</th></tr><tr><td>Power</td><td>KVA</td><td>113</td><td>125</td></tr><tr><td>Power</td><td>KW</td><td>90</td><td>100</td></tr><tr><td>Power</td><td>(cos Phi=0,8) A</td><td>162</td><td>180</td></tr><tr><td>Standard Voltage</td><td>V</td><td colspan="2">400/230</td></tr><tr><td>Revolutions per minute</td><td>r.p.m</td><td colspan="2">1500</td></tr><tr><td>Rated at power factor</td><td>Cos Phi</td><td colspan="2">0,8</td></tr></table> STANDARD FEATURES 4 Stroke, 1500 RPM, water-cooled heavy-duty diesel engine - Dry type replaceable air filter - Radiator capable of cooling up to 50 ° C - Flexible oil pipes and oil draining valve - Pre-heater 4 Poles, synchronize, single bearing, brushless alternator - Batteries and cables - Electrostatic paint coated, steel, welded chassis - Fuel tank housed in the chassis. - Industrial type silencer - Electronic battery charger - Electrical wiring diagram - User manual and operating manual OPTIONAL FEATURES - Soundproof canopy - Automatic transfer switch - Circuit breaker - Trailer / Land transport - External fuel tank - Heating system for fuel tank - Oil heater - Fuel filling system (Automatic / Manuel) - Analogue indicators 1 - 3 Phase switch plugs - Alarm system for fuel level - Remote control monitoring system <table><tr><th colspan="2">ENGINE SPECIFICATION</th><th></th></tr><tr><td>Brand</td><td></td><td>QSTRONG</td></tr><tr><td>Model</td><td></td><td>R6105ZLD</td></tr><tr><td>Standby / Prime</td><td>(kW)</td><td>110/100</td></tr><tr><td>Revolutions Per Minute</td><td>(r.p.m.)</td><td>1500</td></tr><tr><td>Cylinder Displacement</td><td>(L)</td><td>6.5</td></tr><tr><td>Number of Cylinder</td><td></td><td>6 IN LINE</td></tr><tr><td>Bore x Stroke</td><td>(mm x mm)</td><td>105 x 130</td></tr><tr><td>Compression Rate</td><td></td><td>16: 01</td></tr><tr><td>Governor Type</td><td></td><td>MECHANICAL</td></tr><tr><td>Cooling System</td><td></td><td>TURBO CHARGER INTERCOOLED</td></tr><tr><td>Spray Shape</td><td></td><td>DIRECT</td></tr><tr><td>Cooling Shape</td><td></td><td>WATER COOLED</td></tr><tr><td>Electric System</td><td>(V)</td><td>24</td></tr><tr><td>Lubrication Oil Capacity</td><td>(L)</td><td>18</td></tr><tr><td>Engine Coolant Capacity</td><td>(L)</td><td>16</td></tr><tr><td>Fuel Tank</td><td>(L)</td><td>175</td></tr><tr><td>Fuel Consumption 50%</td><td>(L/h)</td><td>13</td></tr><tr><td>Fuel Consumption 75%</td><td>(L/h)</td><td>19</td></tr><tr><td>Fuel Consumption 100%</td><td>(L/h)</td><td>26</td></tr></table> * Replaceable cylinder jacket * Dry type replaceable oil filter *Heat -resistant radiator for 50 ° C	GENERAL FEATURES		PRIME	STANDBY	Power	KVA	113	125	Power	KW	90	100	Power	(cos Phi=0,8) A	162	180	Standard Voltage	V	400/230		Revolutions per minute	r.p.m	1500		Rated at power factor	Cos Phi	0,8		ENGINE SPECIFICATION			Brand		QSTRONG	Model		R6105ZLD	Standby / Prime	(kW)	110/100	Revolutions Per Minute	(r.p.m.)	1500	Cylinder Displacement	(L)	6.5	Number of Cylinder		6 IN LINE	Bore x Stroke	(mm x mm)	105 x 130	Compression Rate		16: 01	Governor Type		MECHANICAL	Cooling System		TURBO CHARGER INTERCOOLED	Spray Shape		DIRECT	Cooling Shape		WATER COOLED	Electric System	(V)	24	Lubrication Oil Capacity	(L)	18	Engine Coolant Capacity	(L)	16	Fuel Tank	(L)	175	Fuel Consumption 50%	(L/h)	13	Fuel Consumption 75%	(L/h)	19	Fuel Consumption 100%	(L/h)	26
				GENERAL FEATURES		PRIME	STANDBY																																																																																						
Power	KVA	113	125																																																																																										
Power	KW	90	100																																																																																										
Power	(cos Phi=0,8) A	162	180																																																																																										
Standard Voltage	V	400/230																																																																																											
Revolutions per minute	r.p.m	1500																																																																																											
Rated at power factor	Cos Phi	0,8																																																																																											
ENGINE SPECIFICATION																																																																																													
Brand		QSTRONG																																																																																											
Model		R6105ZLD																																																																																											
Standby / Prime	(kW)	110/100																																																																																											
Revolutions Per Minute	(r.p.m.)	1500																																																																																											
Cylinder Displacement	(L)	6.5																																																																																											
Number of Cylinder		6 IN LINE																																																																																											
Bore x Stroke	(mm x mm)	105 x 130																																																																																											
Compression Rate		16: 01																																																																																											
Governor Type		MECHANICAL																																																																																											
Cooling System		TURBO CHARGER INTERCOOLED																																																																																											
Spray Shape		DIRECT																																																																																											
Cooling Shape		WATER COOLED																																																																																											
Electric System	(V)	24																																																																																											
Lubrication Oil Capacity	(L)	18																																																																																											
Engine Coolant Capacity	(L)	16																																																																																											
Fuel Tank	(L)	175																																																																																											
Fuel Consumption 50%	(L/h)	13																																																																																											
Fuel Consumption 75%	(L/h)	19																																																																																											
Fuel Consumption 100%	(L/h)	26																																																																																											

				semnarea contractului.	<table><tr><th colspan="2">ALTERNATOR SPECIFICATIONS</th></tr><tr><td>Manufacturer</td><td>MUYI</td></tr><tr><td>Alternator Model</td><td>MYI 274C</td></tr><tr><td>Power</td><td>(kVA) 125</td></tr><tr><td>Output Voltage</td><td>(V) 400/230</td></tr><tr><td>Frequency</td><td>(Hz) 50</td></tr><tr><td>Stationary Voltage Regulation</td><td>(±) 1 %</td></tr><tr><td>Short Circuit Current</td><td>>300%</td></tr><tr><td>Insulation</td><td>H</td></tr><tr><td>Protection</td><td>IP 22</td></tr><tr><td>Efficiency</td><td>(%) 92.4</td></tr><tr><td>Overloading</td><td>%110 FOR 1 HOURS</td></tr><tr><td>Power Factor</td><td>(cos Ph) 0.8</td></tr><tr><td>Total Harmonic Distortion Rate</td><td>THF<2%</td></tr><tr><td>Connection Type</td><td>STAR</td></tr><tr><td>Number of Pole</td><td>4</td></tr><tr><td>Number of Bearing</td><td>SINGLE</td></tr><tr><td colspan="2">*4 Poles, Self – Excitation and Self-Cooled, Brushless, Synchro type alternator *Electronic type automatic voltage regulator [AVR]</td></tr></table> STANDBY POWER; It is the limited time operating power under variable load. Used as backup power at mains power failure. Overloads are not allowed. PRIME POWER; It is the continuous operating power under variable load. According to ISO 3046, 10% overload is allowed for 1 hour per 12 hours. Our company has ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 10002:2018 quality certificates. Fe Power generators comply with the CE marking, which includes the following directives: • 2006/42/EC, Machinery safety • 2006/95/EC, Low Voltage (LVD) Directive • TS EN 60204-1, TS EN 88528-11, TS 12650, TS ISO 8528-1, TS ISO 8528-2, TS ISO 8528-3, TS ISO 8528-4, TS ISO 8528-5, TS ISO 8528 - 6, TS ISO 8528 – 8, TS ISO 8528-12, TS 3033 EN 60529, TS EN 60034-22, TS EN 88528-11, TS HD 60364-5-551 Anul producerii: minim 2024; Garanție: minim 24 luni; Livrarea și instalarea se va efectua de către operatorul economic învingător din contul acestuia, în termen de 1 lună de la semnarea contractului. Mai multe detalii in Anexa 1 atasata	ALTERNATOR SPECIFICATIONS		Manufacturer	MUYI	Alternator Model	MYI 274C	Power	(kVA) 125	Output Voltage	(V) 400/230	Frequency	(Hz) 50	Stationary Voltage Regulation	(±) 1 %	Short Circuit Current	>300%	Insulation	H	Protection	IP 22	Efficiency	(%) 92.4	Overloading	%110 FOR 1 HOURS	Power Factor	(cos Ph) 0.8	Total Harmonic Distortion Rate	THF<2%	Connection Type	STAR	Number of Pole	4	Number of Bearing	SINGLE	*4 Poles, Self – Excitation and Self-Cooled, Brushless, Synchro type alternator *Electronic type automatic voltage regulator [AVR]	
ALTERNATOR SPECIFICATIONS																																									
Manufacturer	MUYI																																								
Alternator Model	MYI 274C																																								
Power	(kVA) 125																																								
Output Voltage	(V) 400/230																																								
Frequency	(Hz) 50																																								
Stationary Voltage Regulation	(±) 1 %																																								
Short Circuit Current	>300%																																								
Insulation	H																																								
Protection	IP 22																																								
Efficiency	(%) 92.4																																								
Overloading	%110 FOR 1 HOURS																																								
Power Factor	(cos Ph) 0.8																																								
Total Harmonic Distortion Rate	THF<2%																																								
Connection Type	STAR																																								
Number of Pole	4																																								
Number of Bearing	SINGLE																																								
*4 Poles, Self – Excitation and Self-Cooled, Brushless, Synchro type alternator *Electronic type automatic voltage regulator [AVR]																																									

Generator electric ≈ 150 kW	FE-QST 220 GENERATOR SET WITH CABINET AND AUTOMATIC TRANSFER PANEL (4 POLE ATS) & WATER RESISTANCE - CONTROL PANEL: DATAKOM D-300 220 KVA STANDBY-200 KVA PRIME POWER	TURCIA	TURCIA	Putere nominală - minim 187.5kVA/150 kW; Starea generatorului: nou; Anul producerii: minim 2023; Garanție: minim 24 luni; Tip motor – motorină (diesel), preîncălzitor combustibil, senzor de nivel scăzut al uleiului cu oprire automata a motorului; Sistem de pornire: pornire electrică automată și manuală; Tensiune nominală – 400/230 V, trifazat/monofazat; Frecvența - 50 Hz; Nivel de zgomot: maxim 7dB la 7m distanța; Sistem de răcire - lichid; Autonomie la sarcina maximă: minim 8 h; Regulator de turație: electronic pentru stabilitate optimă a tensiunii; Factor de putere: minim 0,8 (lagging) Panou de control: digital cu afișaj pentru parametrii funcționali (frecvență, tensiune, curent, contor de ore funcționare); Carcasă insonorizată (vopsită în câmp electrostatic cu rezistența mărită la factorii climatici), cu izolație fonică, rezistență la intemperii, temperaturi înalte și neinflamabilă; Protecții incluse: - protecție la sarcină, - la scurt circuit, - la nivelul scăzut de ulei; Accesorii incluse: - borne pentru împământare, - rezervor de combustibil integrat, - kit de întreținere și manual de utilizare; Dotat cu minim 2 prize; Conformitate: generatoarele trebuie să respecte standardele europene (CE, ISO 8528); Livrarea și instalarea se va efectua de către operatorul economic învingător din	      <table><tr><th colspan="2">GENERAL FEATURES</th><th>PRIME</th><th>STANDBY</th></tr><tr><td>Power</td><td>KVA</td><td>198</td><td>220</td></tr><tr><td>Power</td><td>KW</td><td>150</td><td>165</td></tr><tr><td>Power</td><td>(cos Phi=0,8) A</td><td>285.1</td><td>316.8</td></tr><tr><td>Standard Voltage</td><td>V</td><td colspan="2">400/230</td></tr><tr><td>Revolutions per minute</td><td>r.p.m</td><td colspan="2">1500</td></tr><tr><td>Rated at power factor</td><td>Cos Phi</td><td colspan="2">0,8</td></tr></table> STANDARD FEATURES • 4 Stroke, 1500 RPM, water-cooled heavy-duty diesel engine • Dry type replaceable air filter • Radiator capable of cooling up to 50 ° C • Flexible oil pipes and oil draining valve • Pre-heater • 4 Poles, synchronize, single bearing, brushless alternator • Batteries and cables • Electrostatic paint coated, steel, welded chassis • Fuel tank housed in the chassis. • Industrial type silencer • Electronic battery charger • Electrical wiring diagram • User manual and operating manual OPTIONAL FEATURES • Soundproof canopy • Automatic transfer switch • Circuit breaker • Trailer / Land transport • External fuel tank • Heating system for fuel tank • Oil heater • Fuel filling system • (Automatic / Manuel) • Analogue indicators • 1 - 3 Phase switch plugs • Alarm system for fuel level • Remote control monitoring system <table><tr><th colspan="3">ENGINE SPECIFICATION</th></tr><tr><td>Brand</td><td></td><td>QSTRONG</td></tr><tr><td>Model</td><td></td><td>R61081ZLD</td></tr><tr><td>Standby / Prime</td><td>(kW)</td><td>165/150</td></tr><tr><td>Revolutions Per Minute</td><td>(r.p.m.)</td><td>1500</td></tr><tr><td>Cylinder Displacement</td><td>(L)</td><td>6.87</td></tr><tr><td>Number of Cylinder</td><td></td><td>6 IN LINE</td></tr><tr><td>Bore x Stroke</td><td>(mm x mm)</td><td>108 x 125</td></tr><tr><td>Compression Rate</td><td></td><td>16: 01</td></tr><tr><td>Governor Type</td><td></td><td>MECHANICAL</td></tr><tr><td>Cooling System</td><td></td><td>TURBO CHARGER INTERCOOLED</td></tr><tr><td>Spray Shape</td><td></td><td>DIRECT</td></tr><tr><td>Cooling Shape</td><td></td><td>WATER COOLED</td></tr><tr><td>Electric System</td><td>(V)</td><td>24</td></tr><tr><td>Lubrication Oil Capacity</td><td>(L)</td><td>18</td></tr><tr><td>Engine Coolant Capacity</td><td>(L)</td><td>16</td></tr><tr><td>Fuel Tank</td><td>(L)</td><td>175</td></tr><tr><td>Fuel Consumption 50%</td><td>(L/h)</td><td>23</td></tr><tr><td>Fuel Consumption 75%</td><td>(L/h)</td><td>35</td></tr><tr><td>Fuel Consumption 100%</td><td>(L/h)</td><td>47</td></tr></table> * Replaceable cylinder jacket * Dry type replaceable oil filter *Heat -resistant radiator for 50 ° C	GENERAL FEATURES		PRIME	STANDBY	Power	KVA	198	220	Power	KW	150	165	Power	(cos Phi=0,8) A	285.1	316.8	Standard Voltage	V	400/230		Revolutions per minute	r.p.m	1500		Rated at power factor	Cos Phi	0,8		ENGINE SPECIFICATION			Brand		QSTRONG	Model		R61081ZLD	Standby / Prime	(kW)	165/150	Revolutions Per Minute	(r.p.m.)	1500	Cylinder Displacement	(L)	6.87	Number of Cylinder		6 IN LINE	Bore x Stroke	(mm x mm)	108 x 125	Compression Rate		16: 01	Governor Type		MECHANICAL	Cooling System		TURBO CHARGER INTERCOOLED	Spray Shape		DIRECT	Cooling Shape		WATER COOLED	Electric System	(V)	24	Lubrication Oil Capacity	(L)	18	Engine Coolant Capacity	(L)	16	Fuel Tank	(L)	175	Fuel Consumption 50%	(L/h)	23	Fuel Consumption 75%	(L/h)	35	Fuel Consumption 100%	(L/h)	47
				GENERAL FEATURES		PRIME	STANDBY																																																																																						
Power	KVA	198	220																																																																																										
Power	KW	150	165																																																																																										
Power	(cos Phi=0,8) A	285.1	316.8																																																																																										
Standard Voltage	V	400/230																																																																																											
Revolutions per minute	r.p.m	1500																																																																																											
Rated at power factor	Cos Phi	0,8																																																																																											
ENGINE SPECIFICATION																																																																																													
Brand		QSTRONG																																																																																											
Model		R61081ZLD																																																																																											
Standby / Prime	(kW)	165/150																																																																																											
Revolutions Per Minute	(r.p.m.)	1500																																																																																											
Cylinder Displacement	(L)	6.87																																																																																											
Number of Cylinder		6 IN LINE																																																																																											
Bore x Stroke	(mm x mm)	108 x 125																																																																																											
Compression Rate		16: 01																																																																																											
Governor Type		MECHANICAL																																																																																											
Cooling System		TURBO CHARGER INTERCOOLED																																																																																											
Spray Shape		DIRECT																																																																																											
Cooling Shape		WATER COOLED																																																																																											
Electric System	(V)	24																																																																																											
Lubrication Oil Capacity	(L)	18																																																																																											
Engine Coolant Capacity	(L)	16																																																																																											
Fuel Tank	(L)	175																																																																																											
Fuel Consumption 50%	(L/h)	23																																																																																											
Fuel Consumption 75%	(L/h)	35																																																																																											
Fuel Consumption 100%	(L/h)	47																																																																																											

				contul acestuia, în termen de 1 lună de la semnarea contractului.	<table><tr><th colspan="2">ALTERNATOR SPECIFICATIONS</th></tr><tr><td>Manufacturer</td><td>MUYI</td></tr><tr><td>Alternator Model</td><td>MYI 274G</td></tr><tr><td>Power</td><td>(kVA) 220</td></tr><tr><td>Output Voltage</td><td>(V) 400/230</td></tr><tr><td>Frequency</td><td>(Hz) 50</td></tr><tr><td>Stationary Voltage Regulation</td><td>(±) 1 %</td></tr><tr><td>Short Circuit Current</td><td>>300%</td></tr><tr><td>Insulation</td><td>H</td></tr><tr><td>Protection</td><td>IP 22</td></tr><tr><td>Efficiency</td><td>(%) 92.4</td></tr><tr><td>Overloading</td><td>%110 FOR 1 HOURS</td></tr><tr><td>Power Factor</td><td>(cos Ph) 0.8</td></tr><tr><td>Total Harmonic Distortion Rate</td><td>THF<2%</td></tr><tr><td>Connection Type</td><td>STAR</td></tr><tr><td>Number of Pole</td><td>4</td></tr><tr><td>Number of Bearing</td><td>SINGLE</td></tr></table> *4 Poles, Self – Excitation and Self-Cooled, Brushless, Synchro type alternator *Electronic type automatic voltage regulator [AVR] STANDBY POWER; It is the limited time operating power under variable load. Used as backup power at mains power failure. Overloads are not allowed. PRIME POWER; It is the continuous operating power under variable load. According to ISO 3046, 10% overload is allowed for 1 hour per 12 hours. Our company has ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 10002:2018 quality certificates. Fe Power generators comply with the CE marking, which includes the following directives: • 2006/42/EC, Machinery safety • 2006/95/EC, Low Voltage (LVD) Directive • TS EN 60204-1, TS EN 88528-11, TS 12650, TS ISO 8528-1, TS ISO 8528-2, TS ISO 8528-3, TS ISO 8528-4, TS ISO 8528-5, TS ISO 8528 - 6, TS ISO 8528 – 8, TS ISO 8528-12, TS 3033 EN 60529, TS EN 60034-22, TS EN 88528-11, TS HD 60364-5-551 Anul producerii: minim 2024; Garanție: minim 24 luni; Livrarea și instalarea se va efectua de către operatorul economic învingător din contul acestuia, în termen de 1 lună de la semnarea contractului. Mai multe detalii in Anexa 1 atasata	ALTERNATOR SPECIFICATIONS		Manufacturer	MUYI	Alternator Model	MYI 274G	Power	(kVA) 220	Output Voltage	(V) 400/230	Frequency	(Hz) 50	Stationary Voltage Regulation	(±) 1 %	Short Circuit Current	>300%	Insulation	H	Protection	IP 22	Efficiency	(%) 92.4	Overloading	%110 FOR 1 HOURS	Power Factor	(cos Ph) 0.8	Total Harmonic Distortion Rate	THF<2%	Connection Type	STAR	Number of Pole	4	Number of Bearing	SINGLE
ALTERNATOR SPECIFICATIONS																																							
Manufacturer	MUYI																																						
Alternator Model	MYI 274G																																						
Power	(kVA) 220																																						
Output Voltage	(V) 400/230																																						
Frequency	(Hz) 50																																						
Stationary Voltage Regulation	(±) 1 %																																						
Short Circuit Current	>300%																																						
Insulation	H																																						
Protection	IP 22																																						
Efficiency	(%) 92.4																																						
Overloading	%110 FOR 1 HOURS																																						
Power Factor	(cos Ph) 0.8																																						
Total Harmonic Distortion Rate	THF<2%																																						
Connection Type	STAR																																						
Number of Pole	4																																						
Number of Bearing	SINGLE																																						

Semnat:_____ Numele, Prenumele: LESNIC ANDREI În calitate de: ADMINISTRATOR

Oferantul: Engineering Facility Solutions SRL Adresa: __str. Mesterul_Manole __nr.9 of.12