










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-1734530978500?tab=contract-notice din 18 dec 2024
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	<p>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</p>	<table border="1"> <thead> <tr> <th colspan="2">Genset</th> </tr> </thead> <tbody> <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> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">Engine</th> </tr> </thead> <tbody> <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> </tbody> </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																																																							

			<p>electrostatic cu rezistența mărită la factorii climatici), cu izolație fonică, rezistență la intemperii, temperaturi înalte și neinflamabilă;</p> <p>Protecții incluse:</p> <ul style="list-style-type: none"> - protecție la sarcină, - la scurt circuit, - la nivelul scăzut de ulei; <p>Accesorii incluse:</p> <ul style="list-style-type: none"> - borne pentru împământare, - rezervor de combustibil integrat, - kit de întreținere și manual de utilizare; <p>Dotat cu minim 2 prize;</p> <p>Conformitate: generatoarele trebuie să respecte standardele europene (CE, ISO 8528);</p> <p>Livrarea și instalarea se va efectua de către operatorul economic învingător din contul acestuia, în termen de 1 lună de la semnarea contractului.</p>	 <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> <p>Continuous Power</p> <p>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.</p> <p>Standby Power</p> <p>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.</p> <p>Prime Power</p> <p>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:</p>	
--	--	--	---	---	--

					<ul style="list-style-type: none"> • 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 <p>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.</p> <p>Mai multe detalii in Anexa 1 atasata</p>																																																		
Generator electric ≈ 10 kW	FE-P15-3 SILENT TYPE DIESEL PORTABLE THREE- PHASE GENERATOR OR 12 KW- 15 KVA	TURCIA	TURCIA	<p>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, rezistență la intemperii, temperaturi înalte</p>	<table border="1"> <thead> <tr> <th colspan="2">Genset</th> </tr> </thead> <tbody> <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> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">Engine</th> </tr> </thead> <tbody> <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> </tbody> </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																																																						

			<p>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.</p>	<hr/> <p> Circuit Protector Circuit Protector is a device capable of carrying and interrupting both load and fault current up to a certain rating</p> <p> Large Fuel Tank Capacity</p> <p> Battery 12V-45A</p> <p> Wheel Transport System</p> <hr/> <p> Oil Level Alarm When the oil level is low that the engine will not start.</p> <p> AVR AVR is a device often solid state, for controlling the output voltage of a generator</p> <p> Digital Control Panel Digital control panel (V, A, Hz, kW, Bat V values are displayed on the control panel).</p> <p> Sound Insulated Protection Cabins Its designed to provide ideal sound level & protection.</p> <p> ATS Soket</p> <p>Continuous Power</p> <p>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.</p> <p>Standby Power</p> <p>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.</p> <p>Prime Power</p> <p>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.</p> <p>Our company has ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 10002:2018 quality certificates. Fe Power</p>	
--	--	--	---	---	--

					<p>generators comply with the CE marking, which includes the following directives:</p> <ul style="list-style-type: none"> • 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 <p>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.</p> <p>Mai multe detalii in Anexa 1 atasata</p>																											
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	<p>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 automată 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</p>	 Water Cooled  50 Hz  Easy Maintenance  Three Phase  Diesel  Warning System for Fuel Level <table border="1"> <thead> <tr> <th>GENERAL FEATURES</th> <th>PRIME</th> <th>STANDBY</th> </tr> </thead> <tbody> <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></td> <td>400/230</td> </tr> <tr> <td>Revolutions per minute</td> <td>r.p.m</td> <td></td> <td>1500</td> </tr> <tr> <td>Rated at power factor</td> <td>Cos Phi</td> <td></td> <td>0.8</td> </tr> </tbody> </table> <p>STANDARD FEATURES</p> <ul style="list-style-type: none"> • 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

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

* Replaceable cylinder jacket * Dry type replaceable oil filter *Heat -resistant radiator for 50 ° C

ALTERNATOR SPECIFICATIONS







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

*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;

					<p>It is the continuous operating power under variable load. According to ISO 3046, 10% overload is allowed for 1 hour per 12 hours.</p> <p>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:</p> <ul style="list-style-type: none"> • 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 <p>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.</p> <p>Mai multe detalii in Anexa 1 atasata</p>																												
<p>Generator electric ≈ 80 kW</p>	<p>FE-QST 100 GENERATOR SET WITH CABINET AND AUTOMATIC TRANSFER PANEL (4 POLE ATS) & WATER RESISTANCE - CONTROL PANEL:</p>	<p>TURCIA</p>	<p>TURCIA</p>	<p>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;</p>	<div style="display: flex; justify-content: space-around; align-items: center;">       </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #f4a460;"> <th colspan="2" style="text-align: left;">GENERAL FEATURES</th> <th style="text-align: center;">PRIME</th> <th style="text-align: center;">STANDBY</th> </tr> </thead> <tbody> <tr> <td>Power</td> <td>KVA</td> <td style="text-align: center;">90</td> <td style="text-align: center;">100</td> </tr> <tr> <td>Power</td> <td>KW</td> <td style="text-align: center;">66</td> <td style="text-align: center;">73</td> </tr> <tr> <td>Power</td> <td>(cos Phi=0,8) A</td> <td style="text-align: center;">129.6</td> <td style="text-align: center;">144</td> </tr> <tr> <td>Standard Voltage</td> <td>V</td> <td colspan="2" style="text-align: center;">400/230</td> </tr> <tr> <td>Revolutions per minute</td> <td>r.p.m</td> <td colspan="2" style="text-align: center;">1500</td> </tr> <tr> <td>Rated at power factor</td> <td>Cos Phi</td> <td colspan="2" style="text-align: center;">0,8</td> </tr> </tbody> </table>	GENERAL FEATURES		PRIME	STANDBY	Power	KVA	90	100	Power	KW	66	73	Power	(cos Phi=0,8) A	129.6	144	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	100																														
Power	KW	66	73																														
Power	(cos Phi=0,8) A	129.6	144																														
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

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

* Replaceable cylinder jacket * Dry type replaceable oil filter *Heat -resistant radiator for 50 ° C

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
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
contul acestuia, în termen de 1 lună de la

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	

STANDARD FEATURES
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> 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	
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) 28

* Replaceable cylinder jacket * Dry type replaceable oil filter *Heat -resistant radiator for 50 ° C

semnarea contractului.

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]

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 ≈
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

     			
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	
STANDARD FEATURES			
<ul style="list-style-type: none"> 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			
<ul style="list-style-type: none"> 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			
Brand	QSTRONG		
Model	R6108I2LD		
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	

* Replaceable cylinder jacket * Dry type replaceable oil filter *Heat--resistant radiator for 50 ° C

				<p>contul acestuia, în termen de 1 lună de la semnarea contractului.</p>	<table border="1"> <thead> <tr> <th colspan="2">ALTERNATOR SPECIFICATIONS</th> </tr> </thead> <tbody> <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> </tbody> </table> <p>*4 Poles, Self – Excitation and Self-Cooled, Brushless, Synchro type alternator *Electronic type automatic voltage regulator [AVR]</p> <p>STANDBY POWER;</p> <p>It is the limited time operating power under variable load. Used as backup power at mains power failure. Overloads are not allowed.</p> <p>PRIME POWER;</p> <p>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:</p> <ul style="list-style-type: none"> • 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 <p>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.</p> <p>Mai multe detalii in Anexa 1 atasata</p>	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

Ofertantul: Engineering Facility Solutions SRL Adresa: str. Mesterul Manole nr.9 of.12