

Model	1K	2K	3K	6K	10K
Input					
Input nominal voltage	200/208/220/230/240Vac				
Input voltage range	145 VAC \pm 5 % o 300 VAC \pm 5 %				
Input frequency	Nominal: 50 or 60 Hz / Range: 40 \div 70 Hz				
Power factor	0.99				
Backfeed protection	on request				
Input current distortion	\leq 3 % THD (linear load); \leq 6 % THD (non linear load)				
Automatic Bypass					
Bypass nominal voltage	200/208/220/230/240VAC				
Bypass nominal frequency	50 or 60 Hz				
Output					
Output nominal power KVA	1	2	3	6	10
Output active power KW	0,9	1,8	2,7	5,4	9
Output nominal voltage	200/208/220/230/240Vac				
Output static voltage stability	\pm 1%				
Output dynamic voltage stability	\pm 5%				
Crest factor	3:1				
Output voltage distortion (linear load)	\leq 3%				
Output nominal frequency	50Hz or 60Hz				
Output frequency stability	0.01%				
Battery					
Battery type	VRLA AGM o VRLA GEL				
Max charging current	1A	1A	1A	1 / 4A	
Battery charging profile	DIN 41733 Temperature compensated				
Communication					
Remote signals	Remote EPO				
Communication interface	Serial RS232				
Options	RS485 ModBus; SNMP/HTTP/MODBUS; A5-400				
Mechanical data					
Protection	IP 20				
Dimensions mm	282x145x220	397x145x220	421x190x318	369x190x668	442x190x668
Weight Kg	10	17	27	52	57
Noise at 1m dBA	<50dBA				
Storing temperature	-20°C \div +70°C (UPS) +20°C \div +30°C (Battery)				
Working environment temperature	+20°C \div +40°C				
Relative humidity	95% non condensing				
Altitude	1000m slm (1% derating every 100m up to 2000m)				
General					
UPS efficiency	94%				
Overload	110% 10 min; 130% 1 min; >130% 30 sec				
Standards	Directive: LV 2014/35/UE Low Voltage Directive • EMC 2014/30/UE Electromagnetic Compatibility Directive Standards: Safety IEC EN 62040-1 • EMC IEC EN 62040-2 • IEC 62040-3 VFI -SS - 111 • RoHs compliant				