

Model	1K	2K	3K	6K	10K
<b>Input</b>					
Input nominal voltage	200/208/220/230/240Vac				
Input voltage range	145 VAC $\pm$ 5 % or 300 VAC $\pm$ 5 %				
Input frequency	Nominal: 50 or 60 Hz / Range: 40 ÷ 70 Hz				
Power factor	0.99				
Backfeed protection	on request				
Input current distortion	$\leq$ 3 % THD (linear load); $\leq$ 6 % THD (non linear load)				
<b>Automatic Bypass</b>					
Bypass nominal voltage	200/208/220/230/240VAC				
Bypass nominal frequency	50 or 60 Hz				
<b>Output</b>					
Output nominal power KVA	1	2	3	6	10
Output active power KW	0,8	1,6	2,4	4,8	8
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 o 60Hz				
Output frequency stability	0.01%				
<b>Battery</b>					
Battery type	VRLA AGM o VRLA GEL				
Max charging current	1A	1A	1A	1 / 4A	
Battery charging profile	DIN 41733 Temperature compensated				
<b>Communication</b>					
Remote signals	Remote EPO				
Communication interface	Serial RS232				
Options	RS485 ModBus; SNMP/HTTP/MODBUS; A5-400				
<b>Mechanical data</b>					
Protection	IP 20				
Dimensions mm	310x438x2U	410x438x2U	630x438x2U	530x438x3U	580x438x3U
Weight Kg	4	8	8	15	20
Noise at 1m dBA	<50dBA				
Storing temperature	-20°C ÷ +70°C (UPS) +20°C ÷ +30°C (Battery)				
Working environment temperature	+20°C ÷ +40°C				
Relative humidity	95% non condensing				
Altitude	1000m slm (1% derating every 100m up to 2000m)				
<b>General</b>					
UPS efficiency	94%				
Overload	110% per 10 minuti; 130% per 1 minuto; >130% per 30 secondi				
Standards	Direttives: LV 2006/95/CE Low Voltage Directive • EMC 2004/108/CE Electromagnetic Compatibility Directive Standards: Safety IEC EN 62040-1 • EMC IEC EN 62040-2 • IEC 62040-3				