

Model	VL50	VL60	AT80	AT100	AT120	SN160	SN200	SN250	SN300	
<b>Input</b>										
Input nominal voltage	3Ph+N 380/400/415V									
Input nominal frequency	50 or 60 Hz									
Input frequency range	40 ÷ 70 Hz									
Power factor	0.99									
Soft start	0 ÷ 100% in 30 sec									
Backfeed protection	on request									
Input current distortion	THDi ≤5% (12 pulse vers. + filter)									
<b>Automatic Bypass</b>										
Bypass nominal voltage	3Ph 380/400/415 V									
Bypass nominal frequency	50 or 60 Hz									
<b>Output</b>										
Output nominal power KVA	50	60	80	100	120	160	200	250	300	
Output active power KW	40	48	64	80	96	128	160	200	240	
Output nominal voltage	3Ph+N 380/400/415V									
Output static voltage stability	± 1%									
Output dynamic voltage stability	± 5%									
Crest factor	3:1									
Output voltage distortion (linear load)	≤ 3%									
Output nominal frequency	50Hz or 60Hz									
Output frequency stability	0.01%									
<b>Battery</b>										
Battery type	VRLA AGM o VRLA GEL									
Max charging current	25				50					
Battery charging profile	DIN 41733 Temperature compensated									
<b>Communication</b>										
Remote signals	Remote EPO - External ByPass									
Communication interface	Serial RS232, Dry Contacts									
Options	Serial RS485 ModBus; IP Network SNMP/HTTP/MODBUS									
<b>Mechanical data</b>										
Protection	IP 20									
Dimensions mm	530x950xh1230		700x740xh1800			1240x800xh1800				
Weight Kg	182	192	350	390	430	570	600	683	693	
Noise at 1m dBA	62				64					
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)									
Cooling	forced air regulated speed									
<b>General</b>										
UPS efficiency	94%									
Overload	125% 10 min; 150% 60 sec									
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										