

Model	VL50	VL60	AT80	AT100	AT120	SN160	SN200	SN250	SN300	
Input										
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)									
Automatic Bypass										
Bypass nominal voltage	3Ph 380/400/415 V									
Bypass nominal frequency	50 or 60 Hz									
Output										
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%									
Battery										
Battery type	VRLA AGM o VRLA GEL									
Max charging current	25				50					
Battery charging profile	DIN 41733 Temperature compensated									
Communication										
Remote signals	Remote EPO - External ByPass									
Communication interface	Serial RS232, Dry Contacts									
Options	Serial RS485 ModBus; IP Network SNMP/HTTP/MODBUS									
Mechanical data										
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									
General										
UPS efficiency	94%									
Overload	125% 10 min; 150% 60 sec									
Standards	Directives : 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 C2 • IEC 62040-3									