

Model	HY100	HY120	HY160	HY200	HY250	HY300
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	standard for Plus version					
Input current distortion	THDi ≤2,5%					
Automatic Bypass						
Bypass nominal voltage	3Ph 380/400/415 V					
Bypass nominal frequency	50 or 60 Hz					
Output						
Output nominal power KVA	100	120	160	200	250	300
Output active power KW	100	120	160	200	250	300
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)	≤ 1%					
Output voltage distortion (non linear load)	≤ 5%					
Output nominal frequency	50Hz or 60Hz					
Output frequency stability	0.005%					
Battery						
Battery type	VRLA AGM or VRLA GEL					
Max charging current	25% nominal power					
Battery charging profile	DIN 41733 Temperature compensated					
Communication						
Remote signals	EPO remoto - ByPass esterno					
Communication interface	Serial RS232/RS485 Modbus, Dry contacts					
Options	IP network SNMP/HTTP/MODBUS					
Mechanical data						
Protection	IP 20					
Dimensions mm	558x838xh1804		800x838xh1804		1035x838xh1804	
Weight Kg	490	520	690	740	870	950
Noise at 1m dBA	62		63		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 controlled speed					
General						
UPS efficiency	97% on-line; 99,5% eco-mode					
Overload	125% 15 min; 150% 60 sec					

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 C2 • IEC 62040-3