

Model	MZ10	MZ15	AL20	AL30	AL40	AU060	AU080	AU100	AU120	AU160	AU200	
<b>Input</b>												
Input nominal voltage	1Ph 220/230/240V or 3Ph+N 380/400/415V						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 ≤3%					
<b>Automatic Bypass</b>												
Bypass nominal voltage	1Ph 220/230/240V or 3Ph+N 380/400/415V						3Ph+N 380/400/415V					
Bypass nominal frequency							50 or 60 Hz					
<b>Output</b>												
Output nominal power KVA	10	15	20	30	40	60	80	100	120	160	200	
Output active power KW	9	13,5	18	27	36	54	72	90	108	144	180	
Output nominal voltage	1Ph 220/230/240V or 3Ph+N 380/400/415V						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 nominal frequency							50Hz or 60Hz					
Output frequency stability							0.01%					
<b>Battery</b>												
Battery type							VRLA AGM o VRLA GEL					
Max charging current							25% nominal power					
Battery charging profile							DIN 41733 Temperature compensated					
<b>Communication</b>												
Remote signals							Remote EPO - External ByPass					
Communication interface							Serial RS232/RS485 Modbus, Dry contacts					
Options							IP network SNMP/HTTP/MODBUS					
<b>Mechanical data</b>												
Protection							IP 20					
Dimensions mm	390x900xh910						410x830xh1510			800x840xh1800		
Weight Kg	70	70	75	80	90	240	270	290	480	540	590	
Noise at 1m dBA	54		56		58		65			66		
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							95,5%					
Overload							125% per 10 minuti; 150% per 60 secondi					
Standards	Direttive: 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											