

## POWERCOM MPWM ONLINE UPS

TECHNICAL SPECIFICATIONS					
Capacity (KVA)	1 / 2	3/5	5/7.5	7.5/10/15/20/30	40/60/90/120
DC Volts	48V	72V	120V	192 / 240V / 360V	360V
INPUT	<b>Phase</b> Voltage Range Power Factor Frequency	<b>Single</b> 230V 20%	<b>Three</b> 415V $\pm 15\%$ -25% at 0.8 typical 50HZ $\pm 3$ Hz	<b>Three</b> 415V 15% -25%	
OUTPUT	<b>Phase</b> Voltage / Regulation Full Load Current Nominal Frequency Power Factor Over Load Static Voltage Regulation Dynamic Voltage Regulation  Waveform Total Harmonic Distortion Inverter Efficiency Crest Factor	<b>Single</b> 230V 1%	<b>Single / Three</b> 230V 1% Rated at 0.8 p.f. 50Hz 0.5 Hz 0.8 p.f. 125% for 10 Minutes & 150% for 1 Minute 6% for 50% step load change 1% of Nominal for all variations of Line Load 10% for 10% to 100% step load change Sinusoidal	<b>Three</b> 400V 1%	For Linear loads 2.5%. For Non linear loads 5% 85% to 93% on full load depending on capacity 1 : 3
PROTECTIONS	Charger  Battery  Inverter	Input circuit breaker, Charger over voltage, Charger over current limit.  Battery low cut off / Current limit, HRC fuse in battery path, Battery over charger trip.  Output over voltage / Over load trip Current limit, Short Circuit.	Phase failure, Abnormal Phase sequence		
DISPLAY	Indications Display Metering(Optional)	Main ON, UPS ON, UPS Trip, UPS OV/UV, Battery Low trip, Alpha numerical display Output Voltmeter, Output Ammeter			
ENVIRON.	Operating Temperature Range Relative Humidity Max. Operating altitude without derating Acoustic Noise Optional	0°C to 40°C 95% non condensing 7500ft./2285m  <60db Manual/static By Pass / PF correction / Remote display / Control Software / SNMP compatibility			