

TECHNICAL SPECIFICATION

ONLINE UPS

Capacity (KVA)	5 / 7.5	7.5 / 10 / 15	10 / 15 / 20 / 30 / 40	50 / 60
INPUT	3 ϕ	3 ϕ	3 ϕ	3 ϕ
Voltage Range	415V AC, \pm 25% in single Phase			
Power Factor	AT 0.8 Typical			
Frequency	50Hz \pm 3Hz			
OUTPUT	1 ϕ	1 ϕ	1 ϕ	1 ϕ
Voltage / Regulation	230V AC, \pm 1% single Phase			
Nominal Frequency	50Hz, \pm 0.5Hz			
Power Factor	0.8 PF			
Over Load	125% For 10 Minutes & 150% For 1 Minutes			
Static Voltage Regulation	\pm 6% For 50% Step Load Change			
Waveform	Sinusoidal			
Total Harmonic Distortion	For Linear Load 2.5% & For Non-linear Load 5%			
Inverter Efficiency	85% To 95% Depending on Capacity			
Crust Factor	3:1			
DC CHARACTERISTICS				
Nominal Float Voltage	120	240	360	480
Recharge Time	6-8 Hrs. For 90% recovery & 8-10 Hrs. For 100% Recovery			
By-pass (Optional)	Manual / Static			
PROTECTIONS				
Charge	I/P Circuit Breaker, Over Charge, Over Current, Fuse Failure, Abnormal Phase Sequence			
Battery	Battery Low Cutoff / Current Limit, HRC Fuse, Battery Over Charge Trip			
Inverter	O/P Over Voltage, over load Trip / Current Limit, Short Circuit			
INDICATIONS/DISPLAY				
Indications	Mains On, Charger On, Batt. Low, Inverter On, Fault/Trip, Phase R.Y.B Presence			
Display	LCD Display to Indicate output Voltage, Input Voltage, DC Voltage, load %, Frequency			
ENVIRONMENTAL				
Operating Temperature	0°C To 40°C			
Relative Humidity	95% Non-condensing			
Max. Operating Altitude Without Derating	7500ft./2285m.			
Acoustic Noise	<60db			
OPTIONS	PF correction / Remote Display / Control Software / SNMP Compatibility			