



OMCAM POWER PRODUCTS

C – 5/25, Ghazipur Dairy Farm, Phase – II, New Delhi – 110 096

TECHNICAL SPECIFICATIONS OF PPE SERIES INDUSTRIAL ONLINE UPS SYSTEM

(1phase input, 1phase output)

Capacity of UPS	:	3 - 15 KVA
Technology : Microprocessor controlled IGBT based High Switching Frequency advanced IGBT based inverter with Isolation Transformer at the output.		
Topology	:	Double Conversion with 3-4times surge current rating.
Input Voltage Range	:	185V- 245V AC Single Phase
Input Frequency Range	:	45-55Hz
Output Voltage	:	220V/230V/240V +/- 1% AC Single Phase , with neutral
Output Frequency	:	50Hz +- 0.1%
Power Factor	:	0.95 to Unity
Inverter Efficiency	:	Better than 94%
Overall Efficiency	:	90-92%
THD	:	Less than 5% on industrial load
Waveform	:	Pure Sinewave
InverterType	:	High frequency IGBT based PWM Technology
Battery Charger	:	CVCL type with auto Boost/Trickle mode
Operating Temp.	:	0 to 45 deg. C
Humidity	:	95% RH
Isolation	:	Isolation between Input and Output through isolation transformer
Protection	:	Input MCB Battery MCB Battery charging current limit DC under voltage & over voltage Output Overload Output short circuit
LED INDICATIONS	:	Input Output By-pass Battery Fault

LCD DISPLAY	:	Input Voltage Output Voltage Battery Voltage Output Frequency Output Load in Percentage (%) Ups on mains Ups on battery
Alarms	:	Battery Low Output over Load
Battery Make	:	Exide / Quanta
Noise Level	:	Less than 45db

Company's Service Commitment : We assure you and take full responsibility to service our UPS System and keep them in proper fully Operational for at least a period of **15-20 Years** however you will have to renew the AMC with us every year.