

ONLINE UPS-CONTINUO						
Parameters	Units	Rating				
Model	CONTINUO	3KVA	5KVA	7.5KVA	10KVA	15KVA
Operating DC Voltage	V	72/96/120/144	120/144/168/180	168/180/192	168/180/192	192
PFC Parameters						
INPUT VOLTAGE RANGE(MIN-MAX)	V	165-280				
PWM BASED CHARGE CONTROLLER						
SWITCHING ELEMENT		IGBT MODULE				
CONTROLLER		DSP				
TYPE OF CHARGER		PFC				
EFFICIENCY		95%				
Battery Charging Stages		5				
Power Factor		0.8pf				
Battery						
Low cut off	V	10.5/Batt +/-0.1				
Low cut off recovery	v	11.5/Batt +/-0.1				
Low Buzzer	V	10.7/Batt +/-0.1				
High cut off	V	15.5/Batt +/-0.1				
High cut off recovery	v	15.0/Batt +/-0.1				
Boost Charging Volt by Grid(TUB)	V	14.0/Batt +/-0.1				
Boost Charging Volt by Grid(SMF)	V	13.5/Batt +/-0.1				
Charging current by Grid	A	10A +/- 0.5				
Output						
Output@ No load	V	230				
Output Frequency	Hz	50 +/-0.5				
Output Low retry		1 time				
Output short ckt		1 time				
No Load Battery current	%	2%				
Mains						
No of Phase		1Phase-3Wire P,N,E				
Voltage range	V	165-280 +/-3				
Frequency range	Hz	50 +/-3				
Battery Charging Stages		5				
Inverter						
Switching Element		MOSFET				
Control		PWM				
Output voltage	V	230				
Phase		1Phase-3Wire P,N,E				
Output Waveform		Sine Wave				
Frequency	Hz	50				
Output Power factor	Pf	0.8				
Overload	%	100-120/120-150/150-200/200-300/300-400/More than 400				
Overload retry		3				
SWITCH		System ON/OFF,HIGH/LOW CHARGING SELECTION,SMF/TUB SELECTION				
Indication		INV ON, BATT LOW/HIGH, OVERLOAD, Mains CHARGING, Mains ON				
Alarm		Batt Low, Overload,Charger ON,INV ON				
Protection		Overload,Short Circuit Protection,Over Voltage,Mains Surge and Transient protection (MOV Varistors),Reverse Polarity of Battery,Over temperature Protection,under voltage and over voltage Protection				
Cooling		Forced Air cooling(Temp Controlled)				
Operating Temp	C	0-50				
Operating Humidity	%	95				
Protection class		IP20				
Dimension(LXWXH)	mm	510x460x305	750x500x350	750x500x350	750x500x350	750x500x350
Wieght	kg	20	30	40	50	70