

Model	ON-10	ON-15	ON-20	ON-25	ON-30	ON-40	ON-50
KVA	10	15	20	25	30	40	50
Capacity (100% Unbalance load) (Balanced Load Optional)	8KW	12KW	16KW	20KW	24KW	32KW	40KW
VERSION NO.	79						

AC INPUT

Input voltage	415 VAC +15 %, -20 %
Input Frequency	50 Hz +/- 6 %
Input Power Factor	> 0.8

DC CHARGER

Battery Voltage	240 - 360 V	360 V
Rectifier	6 Pulse, ATM Technique, CVLC	

AC OUTPUT

Technology	IGBT Based Double Conversion PWM Inverter using Micro Controller
Output voltage	L-L 400 VAC +/- 1 % (200 VAC +/- 1 % *)
Output Frequency	50 Hz +/- 0.5 %
Output Power factor	0.8 to 1 lag
Output waveform	PWM Sine wave
Galvanic Isolation	Inbuilt Galvanic Isolation Transformer Provided
Harmonic Distortion	Less than 3 % on Linear Load
Transient Recovery	+ 4 % from 0 to Full load and corrected within 60 msec.
Inverter Efficiency	> 92%

INDICATIONS & ALARMS

Indications	Mimic Display, Mains on, Inverter On, Battery Low, Over Load, Output Under Voltage, Output Over Voltage, DC Over Voltage, I/p Single Phasing / Phase Reversal
Audible Alarm	Intermittent beep for 30 sec. On mains fail. Battery low pre-alarm at 80 % of Battery discharge. Intermittent Beep for all other Trip Conditions

METERING

Digital Metering and Fault Indications	Micro controller based Digital Scrolling LCD to Display - I/P voltage , O/P Voltage, Load Current, Load %, Charging Current, Battery Voltage, % Battery Charge. Fault indications – Mains Off, O/p under voltage / over voltage, Battery Low pre-alarm & Trip, DC Over voltage, Output Overload, I/p under voltage / over voltage, I/p Single Phasing / Phase Reversal
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PROTECTIONS

Protections	Output Overload, Output short circuit, Battery low trip, DC over voltage, Output under voltage / over voltage, Input under voltage / over voltage, I/p Single Phasing / Phase Reversal
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ADDITIONAL FEATURES

Communication*	GSM Modem for SMS Alerts to user and service center for any Fault condition. PC Interface (SNMP) to display UPS Data on user PC and Safe Shutdown facility
Input Auto Phase Corrector*	Input Auto Phase Correction in case of Phase Reversal

GENERAL

Bypass Facility*	Manual / Static Bypass Switch	
Audible Noise	Less Than 60 dB at 1 meter	
Design ambient	0-50° C	
Relative Humidity	Max. 95 % Non Condensing	
Enclosure	M.S. Powder coated with castor wheels	
Dimensions in mm (LxWxH)	950x450x800	1200x570x1000