

Model	ON-60	ON-80	ON-100	ON-120	ON-150	ON-200	ON-250
KVA	60	80	100	120	150	200	250
Capacity (100% Unbalance load)	48KW	64KW	80KW	96KW	120KW	160KW	200KW
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	360 - 384 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 Corrector in case of Phase Reversal

GENERAL

Bypass Facility*	Manual / Static Bypass Switch						
Audible Noise	Less Than 70 dB at 1 meter						
Design ambient	0-50° C						
Relative Humidity	Max. 95 % Non Condensing						
Enclosure	M.S. Powder coated						
Dimensions in mm (LxWxH)	1200x570x1000		1400x570x1200				
Dimensions in mm (LxWxH) TURBO	900x1000x1650		1000x1000x1650		1000x2000x1650		

NOTE: Specifications subject to change due to continuous improvements in the product.

* Optional