

Model	ON 03/96-41
Capacity	3 KVA / 2400W

**AC INPUT**

Input voltage	230 VAC +/- 20 %
Input Frequency	50 Hz +/- 6 %
Input Power factor	> 0.9

**DC CHARGER**

Battery Voltage	96V
Rectifier	IGBT based PFC Type

**AC OUTPUT**

Technology	Mosfet Based Double Conversion PWM Inverter using Micro Controller
Output voltage	230 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	>85 %

**INDICATIONS & ALARMS**

Indications	Mains on, Inverter On, Battery Low, Over Load, Output Under Voltage, Output Over Voltage, DC Over Voltage
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

**PROTECTIONS**

Protections	Output Overload, Output short circuit, Battery low trip, DC over voltage, Output under voltage / over voltage.
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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
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**CERTIFICATIONS**

BIS	IS 16242(PART 1):2014/ IEC 62040-1 : 2008
Environmental	Damp Heat Test - IS 9000 (PART -5 SECTION -2)1981 (2007)
	Dry Heat Test - IS 9000 (PART -3 SECTION -5) 1977 (2007)
	Cold Test Test - IS 9000 (PART -2 SECTION -4) 1977 (2007)

**GENERAL**

Bypass Facility	Manual
Audible Noise	Less Than 55 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)	600x280x550

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