

Model	ON-01	ON-02	ON-03	ON-04	ON-05	ON-06	ON-075	ON-10
KVA	1	2	3	4	5	6	7.5	10
Capacity	800W	1600W	2400W	3200W	4000W	4800W	6000W	8000W
Version No.	41-2	41-2	41-2	41-2	37-2	37-2	37-2	37-2

AC INPUT

Input voltage	230 VAC \pm 20 %
Input Frequency	50 Hz \pm 6 %
Input Power factor	0.85 to Unity*

DC CHARGER

Battery Voltage (Customizable)	36V	48V	72V	96V	120-144V	120-144V	144-180V	180-192V
Rectifier	IGBT based PFC Type*							

AC OUTPUT

Technology	Mosfet Based Double Conversion PWM	IGBT Based Double Conversion PWM
Output voltage	230 VAC \pm 1 %	
Output Frequency	50 Hz \pm 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	\pm 4 % from 0 to Full load and corrected within 60 msec.	
Inverter Efficiency	85 % - 90 % Depending on DC voltages	

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

METERING (Optional)

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, Inverter Off, O/p under voltage / over voltage, Battery Low pre-alarm & Trip, DC Over voltage, Output Overload.
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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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GENERAL

Bypass Facility	Manual / Static Bypass Switch*		
Audible Noise	Less Than 50 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	650x370x650	770x420x750

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