

SINGLE PHASE IN SINGLE PHASE OUT (TOWER)

3KVA



Product Feature

- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.8
- Wide input voltage (110 V – 300 V)
- Converter mode available
- ECO mode for energy saving (Only available for 1-3KVA)
- Generator compatible
- Adjustable battery number only available for 6K and up models
- Smart SNMP works well with either USB or RS-232 together
- Comprehensive display allows easy monitoring and access of UPS status
- Optional isolation transformer available. (Please check sales directly)

Product Form Type

Product Form Type	ONH - 3K/11(L)		
Phase	Single phase with ground		
Capacity	3000 VA / 2400 W		
INPUT			
Nominal Voltage	100/110/115/120/127VAC or 200/208/220/230/240VAC		
Nominal Voltage	55-150 VAC or 110-300 VAC (Based on load at 50%)		
	85-140VAC or 160-280VAC (Based on load at 100%)		
Frequency Range	40Hz ~ 70 Hz		
Power Factor	≧ 0.99 @ Nominal Voltage (100% load)		
OUTPUT			
Output Voltage	100/110/115/120/127VAC or 200/208/220/230/240VAC		
Voltage Regulation	± 1%		
Frequency Range (Synchronized Range)	47~ 53 Hz or 57 ~ 63 Hz		
Frequency Range (Batt. Mode)	50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz		
Current Crest Ratio	3:1		
Harmonic Distortion	≧ 3 % THD (Linear Load)		
	≧ 6 % THD (Non-linear Load)		
Transfer Time	AC Mode to Battery Mode	Zero	
	Inverter to Bypass	4 ms (Typical)	
	Waveform (Batt. Mode)	Pure Sinewave	
EFFICIENCY			
AC Mode	90%		
Battery Mode	88%		
BATTERY			
Standard Model	Battery Type	12 V / 9 AH	
	Numbers	6	
	Typical Recharge Time	4 hours recover to 90% capacity	
	Charging Current (max.)	1A	
	Charging Voltage	82.1VDC ± 1%	
Long-run Model*	Battery Type	Depending on the capacity of external batteries	
	Numbers	6	8
	Charging Current (max.)	1A/2A/4A/6A (Adjustable)	
	Charging Voltage	82.1VDC±1%	109.4VDC ±1%
INDICATORS			
LCD	Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators		
ALARM			
Battery Mode	Sounding every 4 seconds		
Low Battery	Sounding every second		
Overload	Sounding twice every second		
Fault	Continuously sounding		
PHYSICAL			
Standard Model	Dimension, D x W x H (mm)	421 x 190 x 318	
	Net Weight (kgs)	27.6	
Long-run Model**	Dimension, D x W x H (mm)	397 x 145 x 220	
	Net Weight (kgs)	7.4	
ENVIRONMENT			
Humidity	20-90 % RH @ 0- 40°C (non-condensing)		
Noise Level	Less than 50dBA @ 1 Meter		
MANAGEMENT			
Smart RS-232/USB	Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix, and MAC		
Optional SNMP	Power management from SNMP manager and web browser		

* 1-3KVA: Derate to 80% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 100/200/208VAC

**Long-run model is only available in 200/208/220/230/240VAC systems (200VAC system only available for 1-3KVA)

* Product specifications are subject to change without further notice