ANNSCO
POWER

ME-1000-WPRU
ME-2000-WPRU
ME-3000-WPRU
ME-6000-WPRU
ME-10000-WPRU

ONLINE UPS

ME-1000-WPRU/ME-2000-WPRU/ME-3000-WPRU

ME-6000-WPRU

ME-10000-WPRU

Features

- True double-conversion online UPS
- Wide input voltage range (110-300 VAC)
- Input power factor correction 0.99
- Output power factor 0.8
- Converter mode available
- ECO mode operation for energy saving (only available for 1-3KVA)
- Hot-swappable battery design only available for 1-3KVA
- Generator compatible
- Adjustable charging current via LCD or software (1A ~ 6A)
- Emergency power off function only available for 6K and up models

MODEL		ME-1000-WPRU	ME-2000-WPRU	ME-3000-WPRU	ME-6000-WPRU	ME-10000-WPRU
PHASE		Single phase with ground				
CAPACITY		1000 VA / 800 W	2000 VA / 1600 W	3000 VA / 2400 W	6000 VA / 4800 W	10000 VA / 8000 VA
INPUT						
Voltage Range	Low Line Transfer	160 VAC/140 VAC/120 VAC/110 VAC ± 5% (Ambient Temp.<35°C) (based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)			176 VAC ± 3% @ 100% load 110 VAC ± 3% @ 50% load	
	Low Line Comeback	175 VAC /155 VAC/ 135 VAC /125 VAC± 5 % (Ambient Temp.<35°C) (based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)			186 VAC ± 3% @ 100% load 120 VAC ± 3% @ 50% load	
	High Line Transfer	300 VAC ± 5 %			300 VAC ± 3%	
	High Line Comeback	290 VAC ± 5 %			290 VAC ± 3%	
Frequency Range		40Hz ~ 70 Hz			46~54 Hz or 56~64 Hz	
Power Factor		≧ 0.99 @ nominal voltage			≧ 0.99 @ 100%load	
OUTPUT						
Output Voltage		200/208/220/230/240 VAC			208/220/230/240 VAC	
AC Voltage Regulation (Batt. Mode)		± 1%			± 1%	
Frequency Range (Synchronized Range)		47 ~ 53 Hz or 57 ~ 63 Hz			46~54 Hz or 56~64 Hz	
Frequency Range (Batt. Mode)		50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz			50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz	
Current Crest Ratio		3:1			3:1	
Harmonic Distortion		≦ 3 % THD (Linear Load), ≦ 6% THD (non-linear load)			≦ 3 % THD (Linear Load) ≦ 5 % THD (Non-linear Load)	
Transfer Time	AC Mode to Batt. Mode	Zero				
	Inverter to Bypass	4 ms (Typical)			Zero	
Waveform (Batt. Mode)		Pure Sinewave				
EFFICIENCY						
AC Mode		88%	89%	90%	92%	93%
Battery Mode		83%	87%	88%	90%	91%
BATTERY						
Battery Type		12 V / 9 Ah	12 V / 9 Ah	12 V / 9Ah	12 V / 9 Ah	12 V / 9 Ah
Numbers		2	4	6	16	16
Typical Recharge Time		4 hours recover to 90% capacity			9 hours recover to 90% capacity	
Charging Current (max.)			1.0 A		1.0 A / 2.0 A (adjustable)	
Charging Voltage		27.4 VDC ± 1%	54.7 VDC ± 1%	82.1 VDC ±1%	218.4 VDC ±1%	218.4 VDC ±1%
INDICATORS						
LCD Panel		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions				
ALARM						
Battery Mode		Sounding every 4 seconds				
Low Battery		Sounding every second				
Overload		Sounding twice every second				
Fault		Continuously sounding				
PHYSICAL						
Dimension, D x W x H (mm)		310 x 483 x 88 [2U]	410 x 483 x 88 [2U]	630 x 483 x 88 [2U]	UPS: 530 x 483 x 88 [2U] Battery: 668 x 438 x 88 [2U]	UPS: 580 x 483 x 133 [3U] Battery: 588 x 438 x 133 [3U]
Net Weight (kgs)		12	19	29.3	UPS: 15 Battery: 48	UPS: 18 Battery: 51
ENVIRONMENT						
Humidity		20-90 % RH @ 0- 40°C (non-condensing)			0-95 % RH @ 0- 40°C (non-condensing)	
Noise Level		Less than 50dB @ 1 Meter			Less than 55dB @ 1 Meter	Less than 58dB @ 1 Meter
MANAGEMENT						
Smart RS-232/USB		Supports Windows® 2000/2003/XP/Vista/ 2008, Windows® 7/8, Linux, Unix, and MAC				
Optional SNMP		Power management from SNMP manager and web browser				

NOTE 1: Derate to 80% of capacity in CVCF mode or when the output voltage is adjusted to 200/208VAC.

NOTE 2: If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated one percent per 100m.