

Features

- True double-conversion
- Excellent microprocessor control for high reliability
- Input power factor correction
- Output power factor 0.9
- Wide input voltage (120V - 300V)
- Converter mode available
- ECO mode for energy saving
- Adjustable charging current via LCD or software (1A~6A)
- Generator compatible
- Smart SNMP works well with either USB or RS-232 together
- Comprehensive LCD display allows easy monitoring and access of UPS status



MODEL	Champ RM 1K	Champ RM 2K	Champ RM 3K
PHASE	Single phase with ground		
CAPACITY	1000VA / 900W	2000VA / 1800W	3000VA / 2700W
INPUT			
Nominal Voltage	208 / 220 / 230 / 240Vac		
Input Voltage Range	120-300Vac at 50% load 180-300Vac at 100% load		
Frequency Range	40~70Hz		
Power Factor	≥ 0.99 @ Nominal Voltage (100% load)		
OUTPUT			
Output Voltage	110 / 115 / 120 / 127Vac or 208 / 220 / 230 / 240Vac		
Voltage Regulation	± 1%		
Frequency Range (Synchronized Range)	47~53Hz or 57~63Hz		
Frequency Range (Batt. Mode)	50Hz ± 0.25Hz or 60Hz ± 0.3Hz		
Current Crest Ratio	3:1		
Harmonic Distortion	≤ 3% THD (Linear Load) / ≤ 6% THD (Non-linear Load)		
Transfer Time	AC Mode to Batt. Mode Inverter to Bypass	Zero 4 ms (Typical)	
Waveform (Batt. Mode)	Pure Sinewave		
EFFICIENCY			
AC Mode	88%	89%	90%
Battery Mode	83%	87%	88%
BATTERY			
Battery Type	12V / 9Ah	12V / 9Ah	12V / 9Ah
Numbers	2	4	6
Standard Model	Typical Recharge Time	4 hours recover to 90% capacity	
	Charging Current (max.)	1.0A	
	Charging Voltage	27.4Vdc ± 1%	54.7Vdc ± 1% 82.1Vdc ± 1%
INDICATORS	Load level, Battery level, AC mode, Battery mode, Bypass mode and Fault indicators		
LCD Panel			
ALARM			
Battery Mode	Beeps every 4 seconds		
Low Battery	Beeps every second		
Overload	Beeps twice every second		
Fault	Continuously beeping		
PHYSICAL			
Standard Model	Dimension, D x W x H (mm)	310 x 438 x 88	410 x 438 x 88 630 x 438 x 88
	Net Weight (kgs)	12	19 29.3
Long-run Model*	Dimension, D x W x H (mm)	310 x 438 x 88	410 x 438 x 88 410 x 438 x 88
	Net Weight (kgs)	9	12 14.2
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		

* 1K-3K: Derate to 80% of capacity in Frequency converter mode or when the output voltage is adjusted to 208Vac.

* Product specifications are subject to change without further notice