On Line | Champ RM

1K/2K/3K

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



CE

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		Zero	
	Inverter to Bypass		4 ms (Typical)	
Waveform (Batt. Mode)			Pure Sinewave	
EFFICIENCY				
AC Mode		88%	89%	90%
Battery Mode		83%	87%	88%
BATTERY				
Standard Model	Battery Type	12V / 9Ah	12V / 9Ah	12V / 9Ah
	Numbers	2	4	6
	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				
LCD Panel			Load level, Battery level, AC mode, Battery mode, Bypass mode and Fault indicators	
ALARM				
Battery Mode			Beeps every 4 seconds	
Low Battery			Beeps every second	
Overload			Beeps twice every second	
Fault			Continously 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