

Features

- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.9
- Wide input voltage (110V - 300V)
- Converter mode available
- Adjustable battery string numbers
- Adjustable charging current via LCD or software (1A~6A)
- Emergency power off function (EPO)
- Generator compatible
- Smart SNMP works well with either USB or RS-233 together
- Comprehensive LCD display allows easy monitoring and access of UPS status



MODEL	Champ RM 6K(L)		Champ RM 10KL		
PHASE	Single phase with ground				
CAPACITY	6000VA / 5400W		10000VA / 9000W		
INPUT					
Nominal Voltage	208 / 220 / 230 / 240Vac				
Input Voltage Range	110-300Vac (Based on load at 50%) 176-300Vac (Based on load at 100%)				
Frequency Range	46Hz ~ 54Hz or 56Hz ~ 64Hz				
Power Factor	≥ 0.99 @ Nominal Voltage (100% load)				
OUTPUT					
Output Voltage	208 / 220 / 230 / 240Vac				
Voltage Regulation	± 1%				
Frequency Range (Synchronized Range)	46Hz ~ 54Hz or 56Hz ~ 64Hz				
Frequency Range (Batt. Mode)	50Hz ± 0.1Hz or 60Hz ± 0.1Hz				
Current Crest Ratio	3:1				
Harmonic Distortion	≤ 3% THD (Linear Load) / ≤ 5% THD (Non-linear Load)				
Transfer Time	AC Mode to Batt. Mode	Zero			
	Inverter to Bypass	Zero			
Waveform (Batt. Mode)	Pure Sinewave				
EFFICIENCY					
AC Mode	92%		93%		
Battery Mode	90%		91%		
BATTERY					
	Battery Type	12V / 9Ah			
Standard Model	Numbers	16	20	16	20
	Typical Recharge Time	9 hours recover to 90% capacity			
	Charging Current (max.)	1A / 2A (Adjustable)			
	Charging Voltage	218.4Vdc ± 1%	273Vdc ± 1%	218.4Vdc ± 1%	273Vdc ± 1%
Long-run Model	Battery Type	Depending on applications			
	Numbers	16-20pcs (Adjustable)			
	Charging Current (max.)	1A / 2A / 4A / 6A (Adjustable, 6A is only available for 16pcs batteries)			
	Charging Voltage	218.4Vdc ± 1% (Based on 16pcs batteries)			
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	Continuously beeping				
PHYSICAL					
Standard Model	Dimension, D x W x H (mm)	UPS Unit: 500 x 438 x 88 [2U] Battery Pack: 668 x 438 x 88 [2U]	UPS Unit: 500 x 438 x 88 [2U] Battery Pack: 580 x 438 x 133	UPS Unit: 580 x 438 x 133 [3U] Battery Pack: 580 x 438 x 133 [3U]	UPS Unit: 580 x 438 x 133 [3U] Battery Pack: 580 x 438 x 133 [3U]
	Net Weight (kgs)	UPS Unit: 15 Battery Pack: 48	UPS Unit: 15 Battery Pack: 48	UPS Unit: 18 Battery Pack: 51	UPS Unit: 18 Battery Pack: 61
Long-run Model*	Dimension, D x W x H (mm)	500 x 438 x 88 [2U]		580 x 438 x 133 [3U]	
	Net Weight (kgs)	15		18	
ENVIRONMENT					
Humidity	0-90% RH @ 0- 40°C (non-condensing)				
Noise Level	Less than 55dBA @ 1 Meter		Less than 58dBA @ 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				

* 6K/10K: Derate to 60% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 208Vac.

* Product specifications are subject to change without further notice