

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(Only available for 1-3KVA)
- Adjustable battery string numbers only available for 6K / 10K models
- 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 1K	Champ 2K	Champ 3K	Champ 6K	Champ 10K
PHASE	Single phase with ground				
CAPACITY	1000VA / 900W	2000VA / 1800W	3000VA / 2700W	6000VA / 5400W	10000 VA / 9000 W
INPUT					
Nominal Voltage	200 / 208 / 220 / 230 / 240Vac			208 / 220 / 230 / 240Vac	
Voltage Range	120~300Vac (Based on load at 50%) 160-280Vac (Based on load at 100%)			110-300Vac (Based on load at 50%) 176-300Vac (Based on load at 100%)	
Frequency Range	40~70Hz			46~54Hz or 56~64Hz	
Power Factor	≥ 0.99 @ Nominal Voltage (100% load)				
OUTPUT					
Output Voltage	200 / 208 / 220 / 230 / 240Vac			208 / 220 / 230 / 240Vac	
Voltage Regulation	± 1%				
Frequency Range (Synchronized Range)	47~53Hz or 57~63Hz			46~54Hz or 56~64Hz	
Frequency Range (Batt. Mode)	50Hz ± 0.25Hz or 60Hz ± 0.3Hz			50Hz or 60Hz ± 0.1Hz	
Inverter Crest Ratio	3:1				
Harmonic Distortion (THDv)	≤ 3% THD (Linear Load) ≤ 6% THD (Non-linear Load)			≤ 3% THD (Linear Load) ≤ 5% THD (Non-linear Load)	
Transfer Time	AC Mode to Battery Mode	Zero		Zero	
	Inverter to Bypass	4 ms (Typical)		Zero	
Waveform (Batt. Mode)	Pure Sinewave				
EFFICIENCY					
AC Mode	88%	88%	90%	92%	93%
Battery Mode	83%	87%	88%	90%	91%
BATTERY					
	Battery Type	12V / 9Ah	12V / 9Ah	12V / 9Ah	12V / 9Ah
	Numbers in string	2	4	6	16
Standard Model	Typical Recharge Time	4 hours recover to 90% capacity			9 hours recover to 90% capacity
	Charging Current (max.)	1.0 A			1A / 2A (Adjustable)
	Charging Voltage	27.4Vdc ± 1%	54.7Vdc ± 1%	82.1Vdc ± 1%	218.4Vdc ± 1%
INDICATORS					
LCD Panel	Load level, Battery level, Line mode, Battery mode, Bypass mode, ECO mode and Fault indicators				
ALARM					
Battery Mode	Beeps every 4 seconds				
Low Battery	Beeps every second				
Overload	Beeps twice per second				
Fault	Continuously beeping				
PHYSICAL					
Standard Model	Dimension, D x W x H (mm)	282 x 145 x 220	397 x 145 x 220	421 x 190 x 318	369 x 190 x 688
	Net Weight (kgs)	9.8	17	27.6	61
Long-run Model	Dimension, D x W x H (mm)	282 x 145 x 220	397 x 145 x 220	397 x 145 x 220	369 x 190 x 318
	Net Weight (kgs)	4.1	6.8	7.4	12
ENVIRONMENT					
Humidity	20-90% RH @ 0-40°C (non-condensing)			0-95% RH @ 0-50°C 0-95% RH @ 0-40°C (non-condensing) (non-condensing)	
Noise Level	Less than 50dBA @ 1 Meter			Less than 55dBA @ 1 Meter Less than 58dBA @ 1 Meter	
MANAGEMENT					
Smart RS-232 / USB	Supports Windows® 2000 / 2003 / XP / Vista / 2008 / 7 / 8 / 10, Linux and MAC				
Optional SNMP	Power management from SNMP manager and web browser				

* In Frequency converter mode, the output capacity derate to 80% with output voltage adjusted to 200 / 208Vac

* Product specifications are subject to change without further notice