On Line | Champ

1K/2K/3K/6K/10K



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
- 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)
- Emergency power off function (EPO) only available for 6K / 10K models
- 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 1K	Champ 2K	Champ 3K	Champ 6K	Champ 10K
PHASE		Single phase with ground				
CAPACITY		1000VA / 900W	2000VA / 1800W	3000VA / 2700W	6000VA / 5400W	10000VA / 9000W
INPUT						
Nominal Voltage		200 / 208 / 220 / 230 / 240Vac			208 / 220 / 230 / 240Vac	
Voltage Range		110-300Vac (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				
	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						
Standard Model	Battery Type	12V / 9Ah	12V / 9Ah	12V / 9Ah	12V / 9Ah	
	Numbers in string	2	4	6	16	16
	Typical Recharge Time	4 hours recover to 90% capacity			9 hours recover to 90% capacity	
	Charging Current (max.)	1.0A			1A / 2A (Adjustable)	
	Charging Voltage	27.4Vdc ± 1%	54.7Vdc ± 1%	82.1Vdc ± 1%	218.4Vdc ± 1%	218.4Vdc ± 1%
Long-run Model	Battery Type	Depending on the capacity of external batteries				
	Numbers in string	2	4	6	16	16
	Charging Current (max.)	1A / 2A / 4A / 6A (Adjustable)			1A / 2A / 4A / 6A (Adjustable)	
	Charging Voltage	27.4Vdc± 1%	54.7Vdc ± 1%	82.1Vdc ± a1%	218.4Vdc ± 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		Continously 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	442 x 190 x 688
	Net Weight (kgs)	9.8	17	27.6	61	66
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	442 x 190 x 318
	Net Weight (kgs)	4.1	6.8	7.4	12	16
ENVIRONMENT						
Humidity		20-90% RH @ 0-40°C (non-condensing)			0-95% RH @ 0-50°C (non-condensing)	0-95% RH @ 0-40°C (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
* Long-run model power factor: 0.8
* Product specifications are subject to change without further notice

Industrial Shop