



Champ Series

1KVA / 2KVA / 3KVA



Features

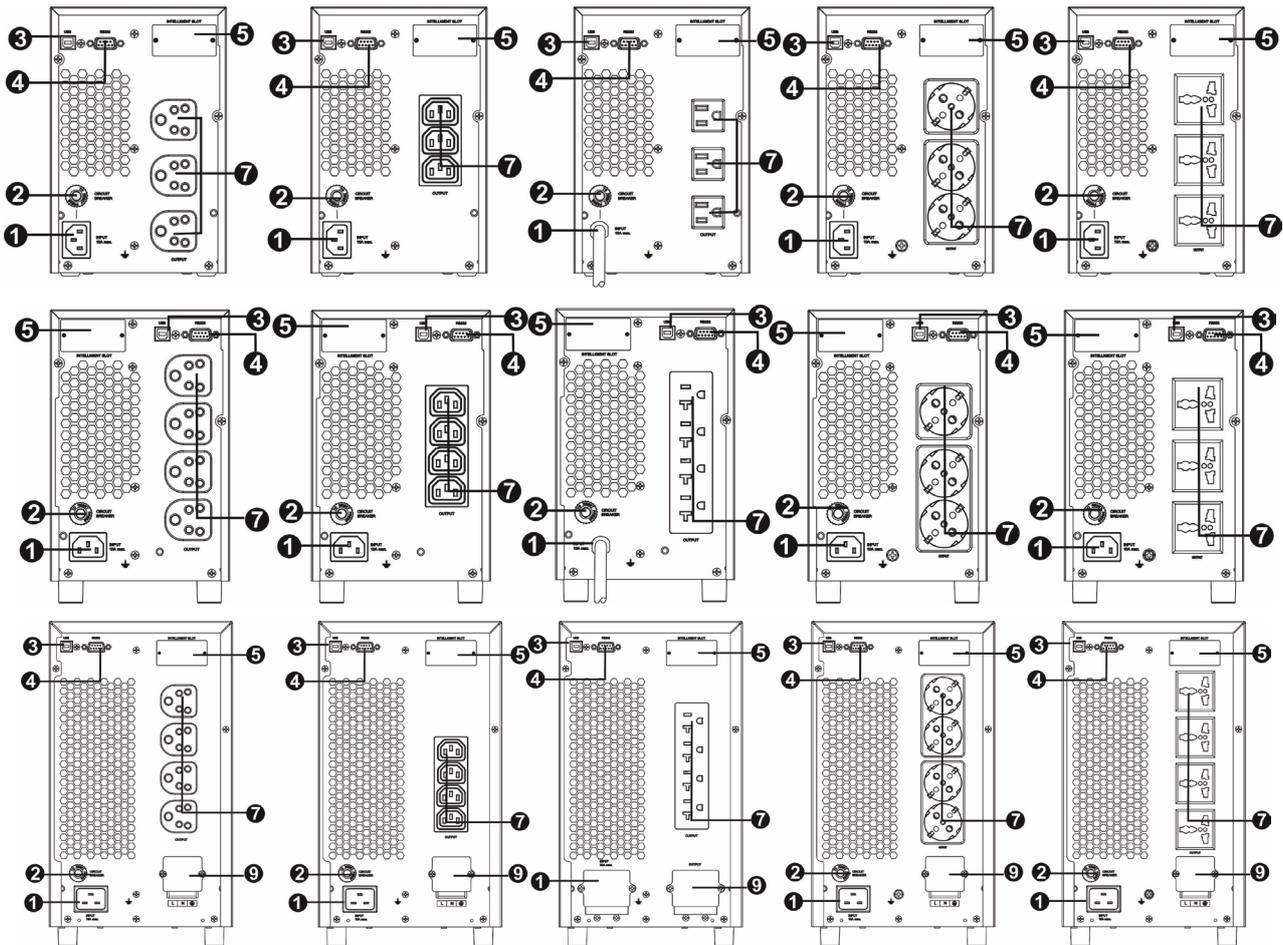
- Online UPS
- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.9
- Wide input voltage (120 V – 300 V)
- Converter mode available
- ECO mode for energy saving
- Generator compatible
- Smart SNMP works well with either USB or RS-232 together
- Comprehensive display allows easy monitoring and access of UPS status

Product Overview



LCD Panel

Power Switch



① AC input

② Input circuit breaker

③ USB communication port

④ RS-232 communication port

⑤ SNMP intelligent slot (option)

⑥ External battery connection
(only available for L model)

⑦ Output receptacles

⑧ Output circuit breaker

⑨ Output terminal

Specifications



MODEL		Champ 1K	Champ 2K	Champ 3K
CAPACITY		1000 VA / 900 W	2000 VA / 1800 W	3000 VA / 2700 W
INPUT				
Voltage		100/110/115/120/127VAC or 200/208/220/230/240VAC		
Voltage Range	Low Line Transfer	90VAC / 80VAC / 70VAC / 60VAC \pm 5% or 180VAC / 160VAC / 140VAC / 120VAC \pm 5% (based on load percentage 100%-80% / 80%-70% / 70%-60% / 60%-0)		
	Low Line Comeback	100VAC / 90VAC / 80VAC / 70VAC \pm 5% or 195VAC / 175VAC / 155VAC / 135VAC \pm 5% (based on load percentage 100%-80% / 80%-70% / 70%-60% / 60%-0)		
	High Line Transfer	150VAC / 140VAC \pm 5% OR 300VAC / 280VAC \pm 5% (based on load percentage 0-80% / 80%-100%)		
	High Line Comeback	145VAC / 135VAC \pm 5% OR 290VAC / 270VAC \pm 5% (based on load percentage 0-80% / 80%-100%)		
Frequency Range		40Hz ~ 70 Hz		
Power Factor		\geq 0.99 @ Nominal Voltage (100% load)		
OUTPUT				
Output Voltage		100/110/115/120/127Vac or 200/208/220/230/240Vac		
Voltage Regulation		\pm 1%		
Frequency Range (Synchronized Range)		47~ 53 Hz or 57 ~ 63 Hz		
Frequency Range (Batt. Mode)		50 Hz or 60Hz \pm 0.5%		
Current Crest Ratio		3:1		
Harmonic Distortion		\leq 3 % THD (Linear Load) \leq 6 % THD (Non-linear Load)		
Transfer Time	AC to DC	Zero		
	Inverter to Bypass	4 ms (Typical)		
Waveform (Batt. Mode)		Pure Sinewave		
EFFICIENCY				
To AC Mode		88%	89%	90%
To Battery Mode		83%	85%	88%

Specifications



MODEL		Champ 1K	Champ 2K	Champ 3K
BATTERY				
Standard Model	Battery Type	12 V / 9 AH	12 V / 9 AH	12 V / 9 AH
	Numbers	2	4	2
	Typical Recharge Time	4 hours recover to 90% capacity		
	Charging Current (max.)	1.0 A		
Long-run Model	Charging Voltage	27.4VDC ± 1%	54.7 VDC ±1%	27.4VDC ± 1%
	Battery Type and Numbers	Depending on the capacity of external batteries		
	Charging Current (max.)	1A/2A/4A/6A		
	Charging Voltage	27.4VDC ± 1%	54.7 VDC ±1%	27.4VDC ± 1%
INDICATORS				
LCD		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators		
ALARM				
Battery Mode		Sounding every 4 seconds		
Low Battery		Sounding every second		
Overload		Sounding twice every second		
Fault		Continuously sounding		
PHYSICAL				
Standard Model	Dimension (D x W x H)	282 x 145 x 220mm	397 x 145 x 220mm	421 x 190 x 318mm
	Net Weight	9.8 kg	17 kg	27.6 kg
Long-run Model	Dimension (D x W x H)	282 x 145 x 220mm	397 x 145 x 220mm	397 x 145 x 220mm
	Net Weight	4.1 kg	6.8 kg	7.4 kg
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		

Package Information

Model	Champ 1K	Champ 2K	Champ 3K
EAN Code	471114048759 5	471114048760 1	471114048761 8
UPC Code	-	-	-
Shipping Weight	9.8 kg	17 kg	27.6 kg
Shipping Dimensions (L×W×H)	282 x 145 x 220mm	397 x 145 x 220mm	421 x 190 x 318mm
Master Pack Weight	9.8 kg	17 kg	27.6 kg
Master Pack Dimension (L×W×H)	282 x 145 x 220mm	397 x 145 x 220mm	421 x 190 x 318mm
Master Pack Quantity	1pcs	1pcs	1pcs
Pallet Quantity	1pcs	1pcs	1pcs
Country of Origin	China	China	China