



Champ Series

1kVA / 2kVA / 3kVA

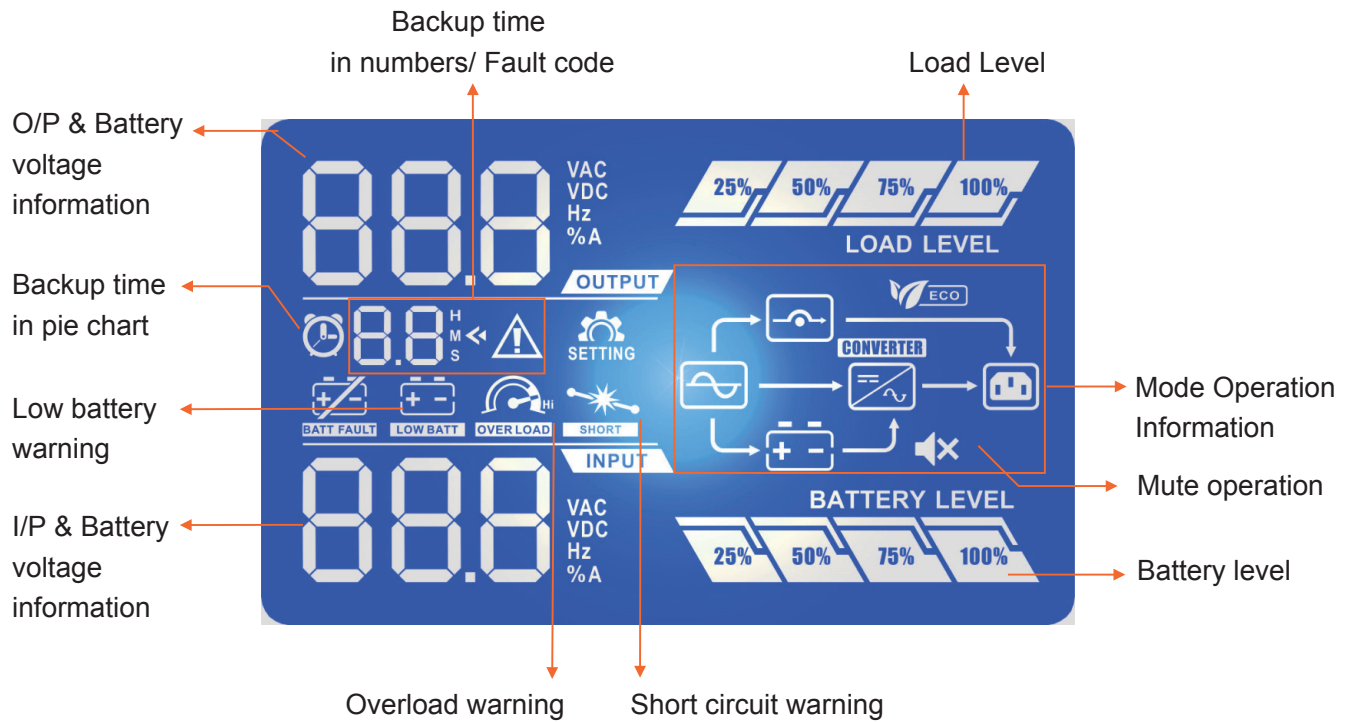


Features

- True double-conversion on-Line UPS
- 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

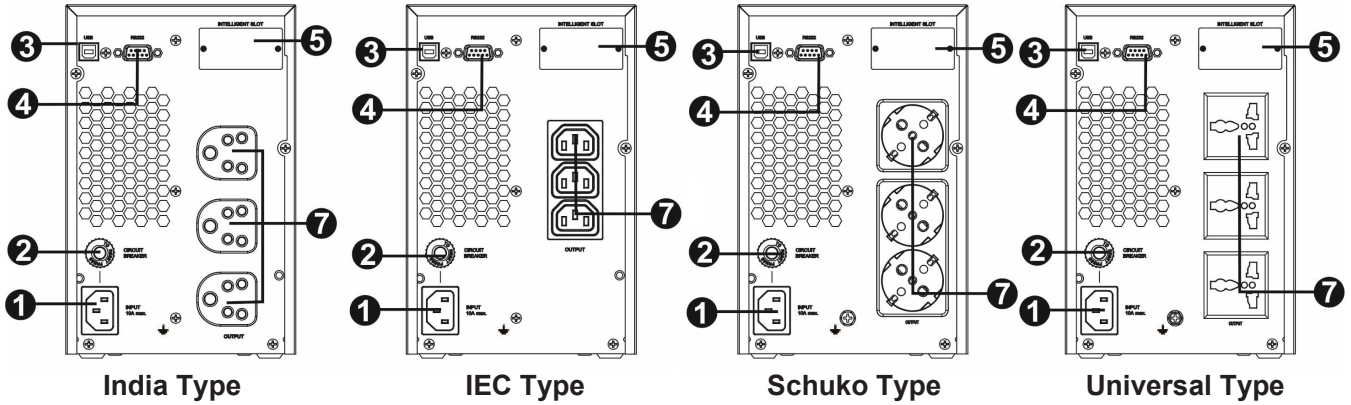
LCD Display Information



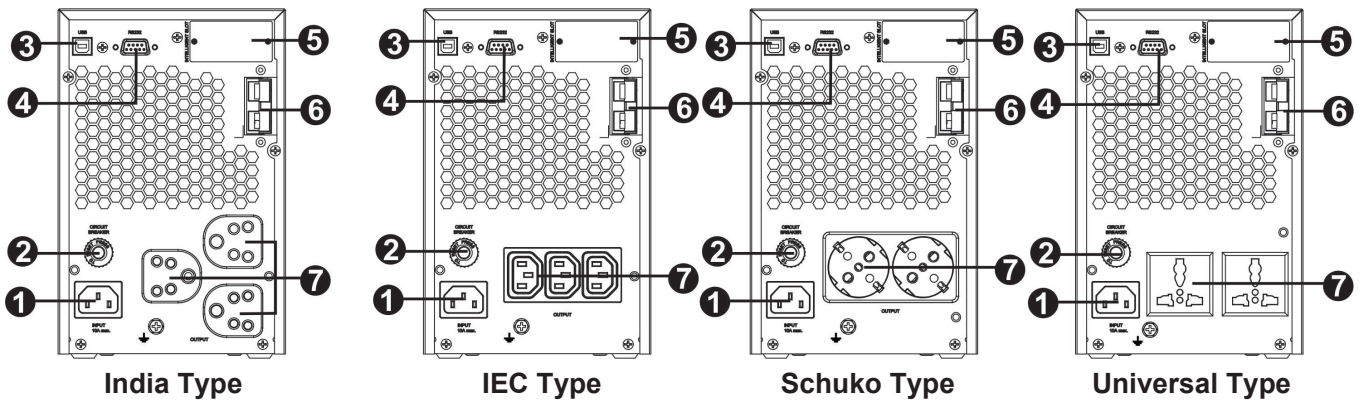
Product Overview

Rear panel view

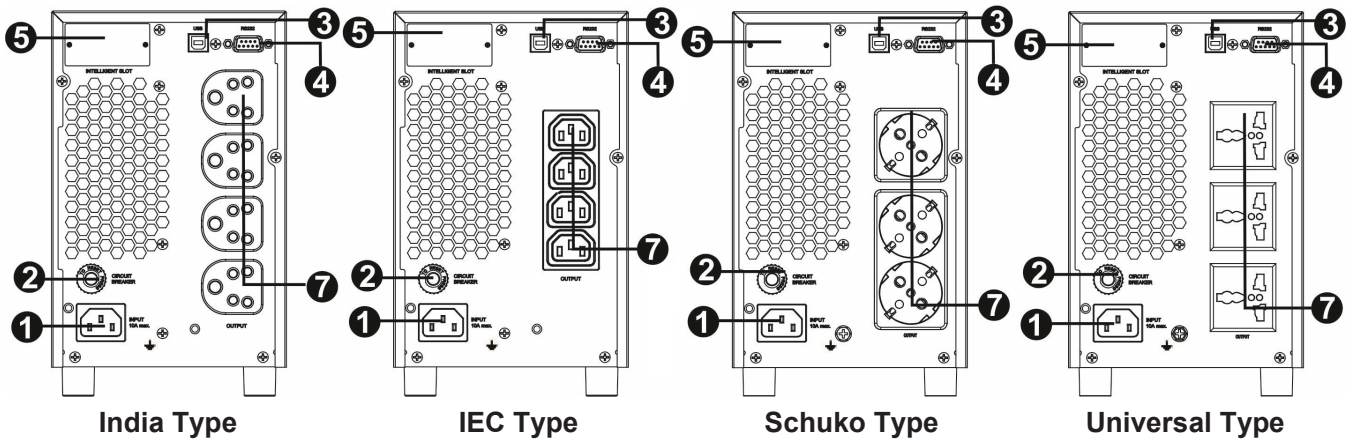
1K



1KL



2K



- | | | |
|--------------------------|--|--------------------------|
| ① AC input | ④ RS-232 communication port | ⑦ Output receptacles |
| ② Input circuit breaker | ⑤ SNMP intelligent slot (option) | ⑧ Output circuit breaker |
| ③ USB communication port | ⑥ External battery connection (only available for L model) | 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		200/208/220/230/240Vac		
Voltage Range	Low Line Transfer	180Vac / 160Vac / 140Vac / 120Vac \pm 5% (based on load percentage 100%-80% / 80%-70% / 70%-60% / 60%-0)		
	Low Line Comeback	195Vac / 175Vac / 155Vac / 135Vac \pm 5% (based on load percentage 100%-80% / 80%-70% / 70%-60% / 60%-0)		
	High Line Transfer	300Vac / 280Vac \pm 5% (based on load percentage 0-80% / 80%-100%)		
	High Line Comeback	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		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 (THDv)		\leq 3 % THD (Linear Load) \leq 6 % THD (Non-linear Load)		
Transfer Time	Line Mode to Battery	Zero		
	Inverter to Bypass	4 ms (Typical)		
Waveform (Batt. Mode)		Pure Sinewave		
EFFICIENCY				
Line Mode		88%	89%	90%
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	6
	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%	82.1VDC ± 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%	82.1VDC ± 1%
INDICATORS				
LCD		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 per second		
Fault		Continously beeping		
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		

* 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



Champ Series

1kVA / 2kVA / 3kVA

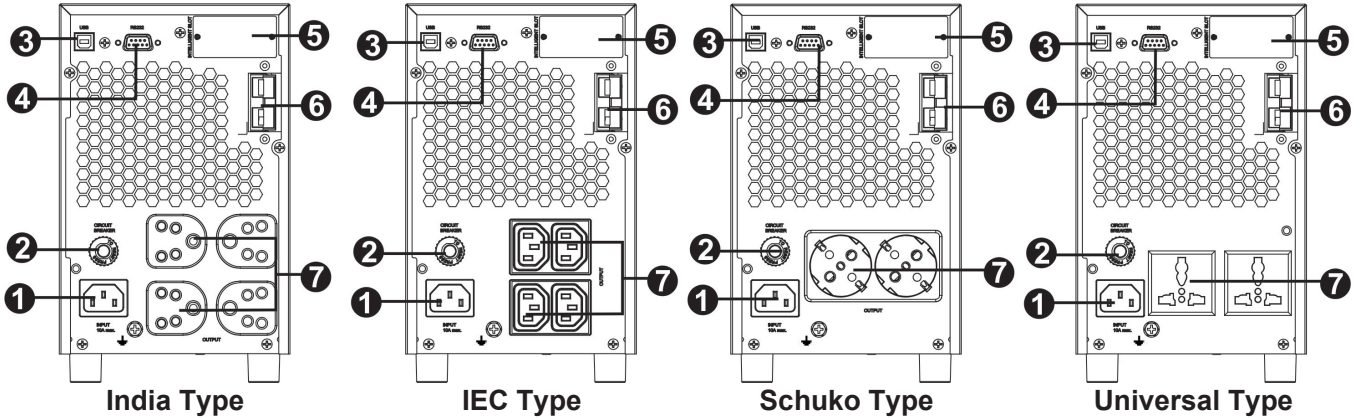
Package Information

Model	Champ 1K(L)	Champ 2K(L)	Champ 3K(L)
EAN Code	471114048759 5	471114048760 1	471114048761 8
UPC Code	-	-	-
Shipping Weight	9.8 kg / 4.1 kg	17 kg / 6.8 kg	27.6 kg / 7.4 kg
Shipping Dimensions (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	72pcs	40pcs	24pcs
Country of Origin	China	China	China

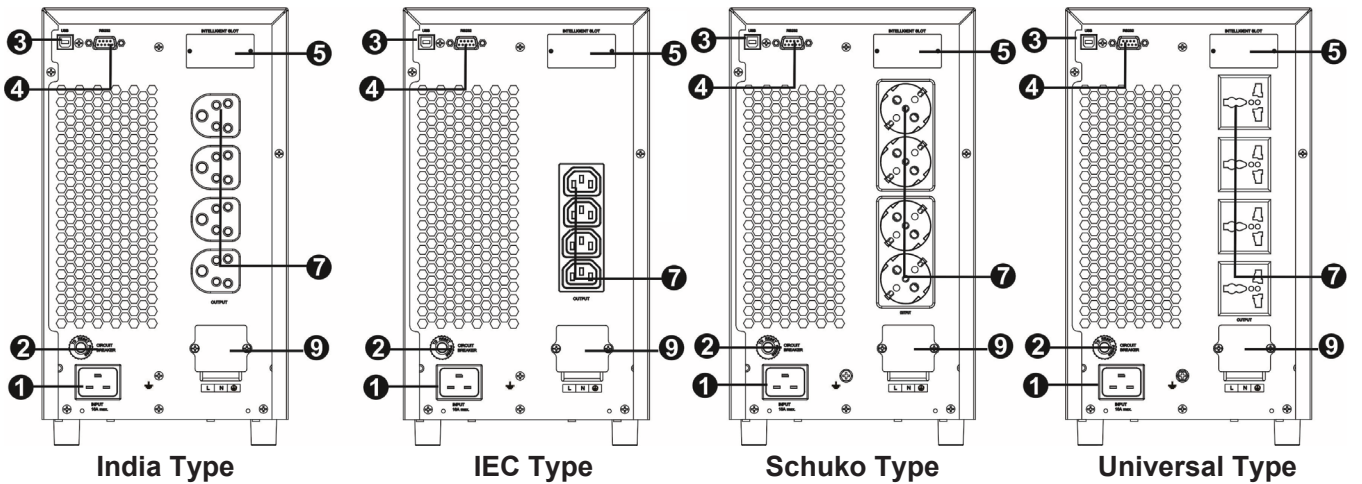
Product Overview

Rear panel view

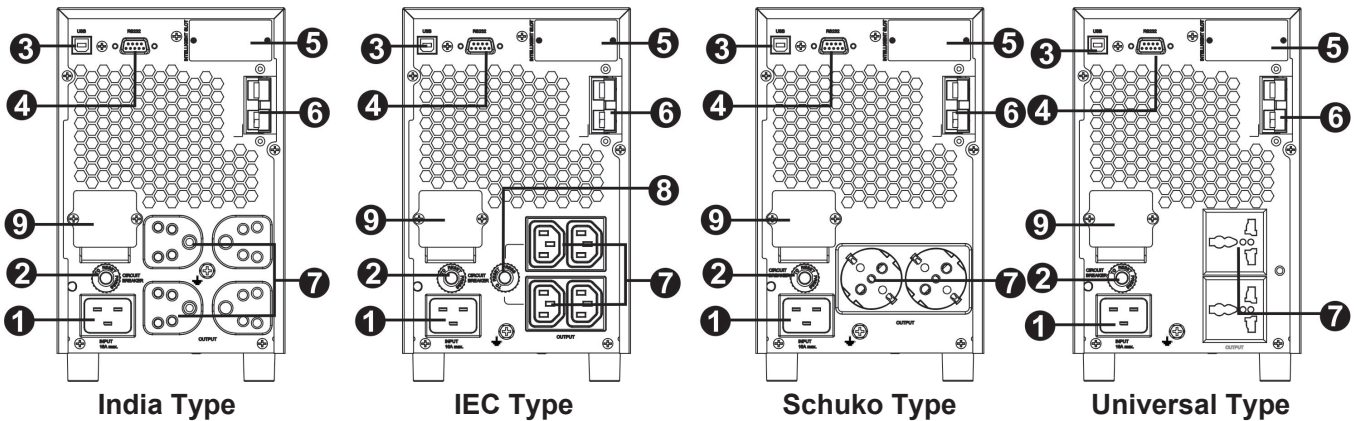
2KL



3K



3KL



- | | | |
|--------------------------|--|--------------------------|
| ① AC input | ④ RS-232 communication port | ⑦ Output receptacles |
| ② Input circuit breaker | ⑤ SNMP intelligent slot (option) | ⑧ Output circuit breaker |
| ③ USB communication port | ⑥ External battery connection (only available for L model) | ⑨ Output terminal |