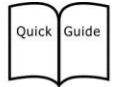
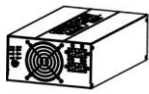


PowerWalker Charger EB Series

1. Package Contents

You should have received the following items inside of package:



Charger unit

Quick Guide

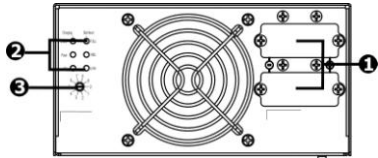
C1 connector cable

C2 connector cable (option)

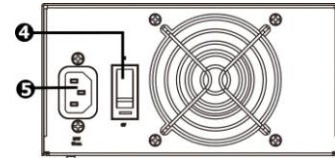
AC input power cord

2. Product Overview

Panel View:

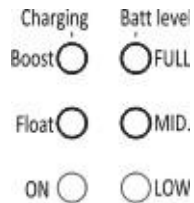


- ❶ DC connector
- ❷ LED indicators (Check Indicator Chart for the details)



- ❸ Current selection switch (Check Current Selection Table for the details)
- ❹ Power switch
- ❺ AC input

Indicator Chart:



Status	Indicators
Battery is charging.	
In boost status	"On" and "Boost" LEDs are on.
In floating status	"On" and "Float" LEDs are on.
Battery Level	
In full level	"Full" LED is on.
In mid. level	"MID." LED is on.
In low level	"LOW" LED is on.

Current Selection Table (Amp)



Rotary Dip Switch

Model	Current	Selection	0	1	2	3	4	5	6	7	8	9
24			1	2	4	8	12	16	20			
36			1	3	6	9	12	15				
48			1	3	6	9	12	15				
72			1	2	4	6	8	10	12			
96			1	2	4	6	8	10				
120			1	2	4	6	8					

3. Installation and Initial Startup

NOTE: Before installation, please inspect the unit. Be sure that nothing inside the package is damaged.

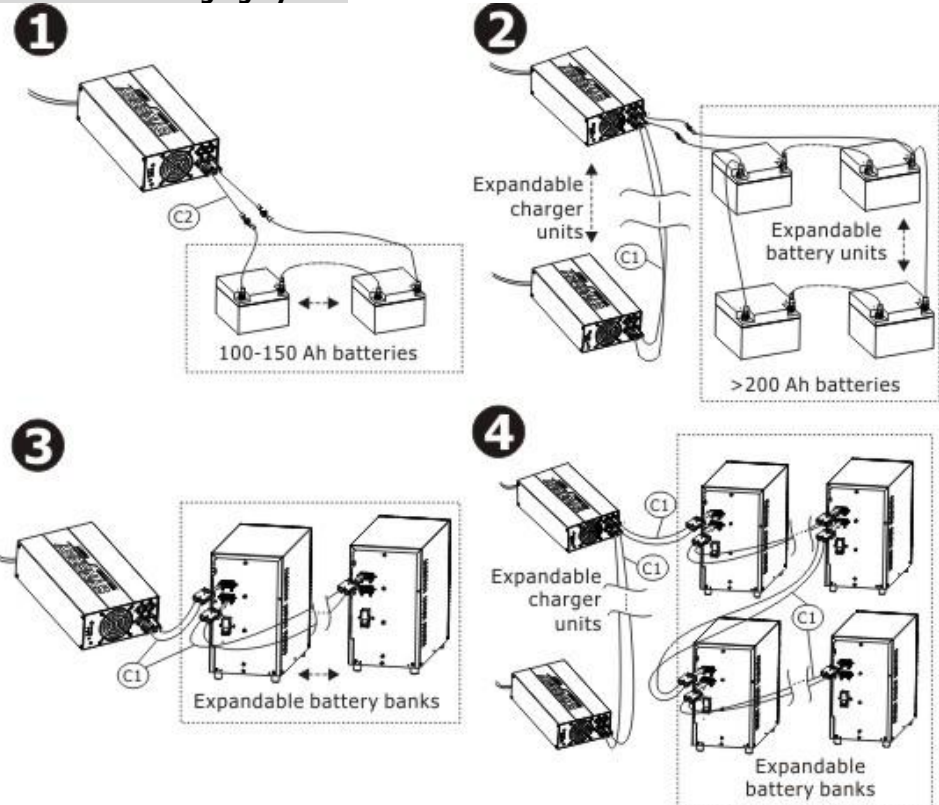
Below is the DC connector color reference

Model	24	36	48	72	96	120
	White	Red	Grey	Blue	Black	Yellow
	24V	36V	48V	72V	96V	120V

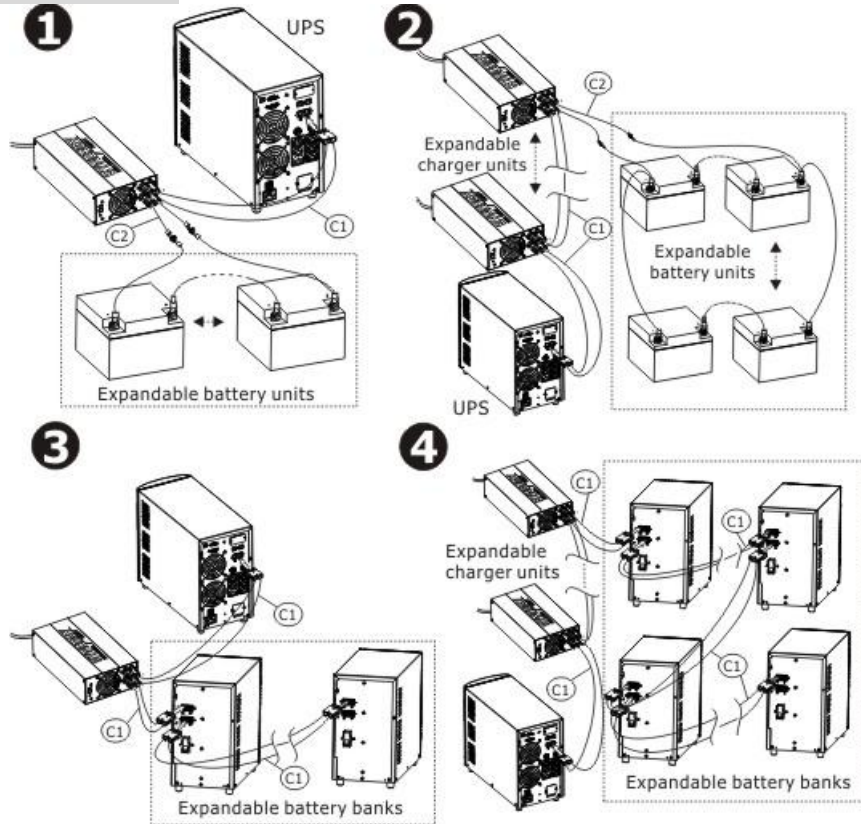
Charge Battery:

- If possible, disconnect all loads from the batteries by removing battery cables, opening a disconnect switch, or switching loads off.
- Apply AC power to the charger unit. This charger can either work alone to charge batteries or work with UPS to charge the external batteries. Please follow below charts to install the charger for different applications.

Stand-alone Charging System

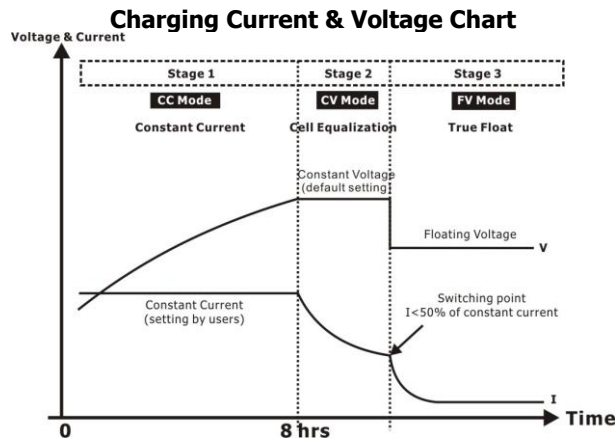


Operation with UPS



3. After installing battery connections and chargers, select the current from rotary switch. Refer to Current Selection Table.

4. Turn on the power switch of the chargers. Then chargers will automatically charge the connected batteries when the battery voltage drops below a preset limit or battery capacity is below a preset limit.



CAUTION: Be sure to turn off the unit when not in use.

4. Important Safety Warning (SAVE THESE INSTRUCTIONS)

CAUTION! The charger is designed to charge the specific voltage lead-acid battery. Please see the specifications for the acceptable voltage range. Do not use these products on batteries with other voltage ratings.

CAUTION! Some models may generate high current DC voltage to the battery being charged. Do not expose the charger to the water, rain, snow or spray.

CAUTION! Do not open the charger. There are no user-replaceable parts inside of the unit.

Attention! Ensure at least 20 cm air space is maintained on all sides of the charger. During operation, keep away from the materials that may be affected by high temperatures.

CAUTION! Never attempt to charge a frozen battery.

Attention hazardous through electric shock. To reduce the risk of electric shock, disconnect both AC and DC power from the charger before attempting any maintenance or cleaning or working on any circuits connected to the charger. Turning power switch off will not reduce the risk.

CAUTION! Do not dispose of batteries in a fire. The battery may explode. Do not open or mutilate the battery or batteries. Released electrolyte is harmful to the skin and eyes.

CAUTION! Unplug the UPS prior to cleaning and do not use liquid or spray detergent.

CAUTION! A battery can present a risk of electric shock and high short circuit current. The following precaution should be observed before replacing batteries:

- 1) Remove watches, rings, or other metal objects.
- 2) Use tools with insulated handles.
- 3) Wear rubber gloves and boots.
- 4) Do not lay tools or metal parts on top of batteries.
- 5) Disconnect charging source prior to connecting or disconnecting batteries terminal.

5 Specifications

Model	120	96	72	48	36	24
INPUT						
Voltage Range	165 – 285 VAC					
Frequency	40-70 Hz					
Current	8 A (max.) @ full load					
OUTPUT						
Maximum Output Current	8 A ±	10 A ±	12 A ±	15 A ±	15 A ±	20 A ±
	0.8 A	1 A	1.2 A	1.5 A	1.5 A	1.5 A
Output Voltage	120 V	96 V	72 V	48 V	36 V	24 V
Maximum Output Charging Power	960 W	960 W	960 W	720 W	540 W	480 W
PHYSICAL						
Dimension (DxWxH)	300 x 165 x 95 mm					
Net Weight (kgs)	3.6			3.1		
Environment						
Operating Humidity	5-95 % RH (non-condensing)					
Operating Temperature	0-40° C					
Noise Level	Less than 50 dBA @ constant charging mode & full load					