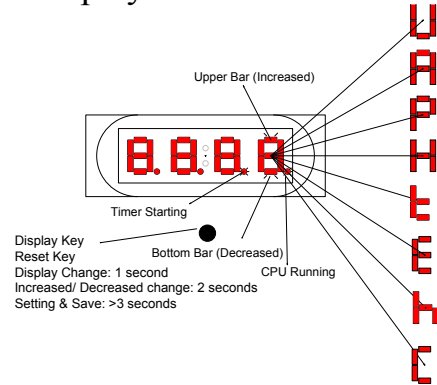


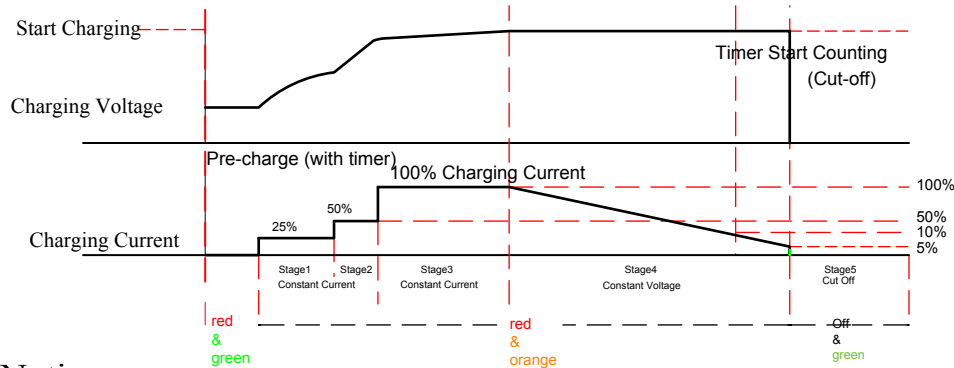
Operations:

- 1. Connect the charger system to a wall receptacle strongly.
- 2. Connect the alligator clips to battery terminals (red clip--->positive terminal; black clip--->negative terminal)
- 3. Turn on the power switch which is located on the front panel of charger, then the red LED lits and bi-color LED will confirm the charger's stage. And also the Digital meter will confirm the charger's O/P voltage, current and battery level.

Digital Meter Display indications:



Charging Curve and LED indications:



Notices:

- 1. This charger was designed for charging LiFePO4 and Lithium type batteries only.
- 2. Not to recharging non-rechargeable batteries.
- 3. The battery charger must only be plugged into an earthed socket-outlet.
- 4. Always place the charger in well ventiated and dry environments.
- 5. The battery charger was designed by aluminum housing as itself heat sink, avoid touching the case for safety purpose because the temperature is about 50 degree C on the case when charging.

LiFePO4 BATTERY CHARGER 12 cells / 16 cells

Features:

- 1. 3 Stages Charging: 1st-25% of rating current; 2nd-50% of rating current; 3rd-100% of rating current (equalizer).
- 2. Automatic Re-charging Battery: If the battery voltage <@3.2V/cell after full charged, the charger will automatic re-charging the battery.
- 3. Short-circuit Protection: Charger O/P cut-off automatically when short circuit
- 4. Overload Protection: Charger O/P current-limited automatically when overload.
- 5. Reverse Polarity Protection: Charger O/P cut-off automatically when battery reverse connection.
- 6. Unique Digitalt Meter Display: Indicating charging voltage, current, battery capacity (percent and AH) and charger status (timer, pre-charge,.....)
- 7. 3 LED Display: Red(power), green(full charged) & orange(equalizer charge)

Specifications:

MODEL NO.		LBC-12040D LBC-16030D	LBC-12070D LBC-16050D	LBC-12090D LBC-16070D	LBC-12110D LBC-16085D	LBC-12150D LBC-16110D	LBC-12300D LBC-16220D
OUTPUT	Equalizer Charge	43.8V +/-0.3V (58.4V +/-0.4V)					
	Rating Current (+/-5%)	4A 3A	7A 5A	9A 7A	11A 8.5A	15A 11A	30A 22A
	Pre-charge1(<2.5V/cell) Timer1 (30min.) Start Point (+/-5%)	1A 0.75A	1.75A 1.25A	2.25A 1.75A	2.75A 2.1A	3.75A 2.75A	7.5A 5.5A
	Pre-charge2(<2.9V/cell) Timer2 (6min.) Start Point (+/-5%)	2A 1.5A	3.5A 2.5A	4.5A 3.5A	5.5A 4.25A	7.5A 5.5A	15A 11A
	Timer3 (18min.) Start Point <10% of rating current (+/-5%)	0.4A 0.3A	0.7A 0.5A	0.9A 0.7A	1.1A 0.85A	1.5A 1.1A	3A 2.2A
	Cut-Off <5% of rating current (+/-5%)	0.2A 0.15A	0.35A 0.25A	0.45A 0.35A	0.55A 0.42A	0.75A 0.55A	1.5A 1.1A
	Wattage (Max.)	200W	300W	400W	500W	650W	1300W
	INPUT	Efficiency	>85% (at full load)				
Voltage		100~240V	100~120V OR 200~240V				
PROTECTION	Frequency	47~63Hz					
	Battery Reverse	Yes, Automatic		Yes, By Fuse			
	Short Circuit	YES, Automatic Shutdown					
	Overload	YES, Current Limited					
	Cooling Fan	Speed Controlled by Charging Stage					
MECHANICAL	Dimensions (mm)	167x103x50	190x118x58	152x70x225	152x70x275	323x231x106	480x355x87.5
	Weight	0.9KGS	1.2KGS	2.1KGS	2.4KGS	4.2KGS	8.5KGS

- 1.3,4,5,6,7,8,9,10,11, and other cells is available upon receiving customer's request.
- 2. The above specifications issubject to change without prior notice.