



PSC-124000-LIFE 4-CELL 4.0A

LiFePO4 Battery Charger
PSC-LiFe Battery Charger Series

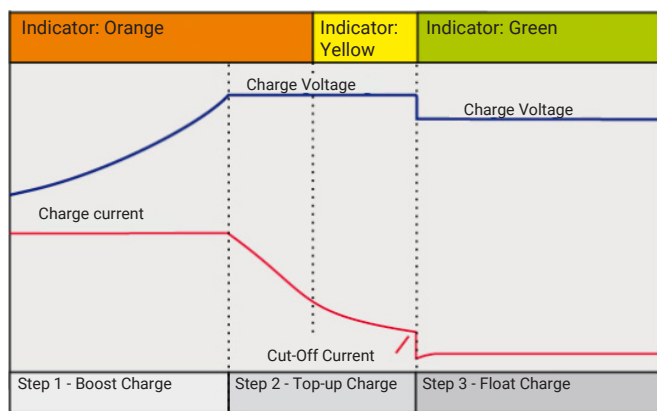
FEATURES

- 3-step charge control with current detection as charge termination
- Universal input voltage (90-264 VAC)
- LED indicators
- Alligator clip connectors with insulated sleeves

APPROVALS

- DOE compliant
- ISO9001:2015 – Quality management systems
- Medically certified EN60601-1 3.1
- Home Healthcare EN60601-1-11
- UL approved
- CE compliant

CHARGER DIAGRAM



GLOBAL HEADQUARTERS (USA AND INTERNATIONAL EXCLUDING EMEA)

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PERFORMANCE SPECIFICATIONS

Input voltage	90 - 264 VAC
Line frequency	47 - 63Hz
Switch frequency, approx	40 kHz
Leakage current from battery with mains switched off	<0.7mA @ 12.8V
Operating temperature	-25 °C - +40 °C
Storage temperature	-25 °C - +85 °C
Ripple	< 100 mV p-p
Max output power	58W
Efficiency	>81%
Charge Control (see charger diagram)	
Step 1 (Orange)	Charge current: 4.0A ±0.2A
Step 2a (Orange)	Charge voltage: 14.6V ±0.1V
Step 2b (Yellow)	To yellow when current is: < 1.6A ±0.1A
Step 3 (Green)	Float charge when current is: 300mA ±25% Float charge voltage: 14.0V±0.1V
Protection	Protected against reversed polarity and short circuit proof
Insulation class	Class II
Insulation voltage	
Primary	4000VAC
Secondary	5700VDC
Electrical safety	EN/IEC 60335-2-29, EN/IEC/ANSI 60601-1 (3.1 Ed) & EN/IEC 60601-1-11
EMC standards	EN 55014-1 and -2, EN/IEC 61000-6-3, EN/IEC 61000-6-1, EN/IEC 60601-1-2
Input terminal	2-pin IEC 320 connector
Output terminal	Battery clips
IP rating	IP41
Dimensions (LxWxH)	135 x 80 x 44mm
Weight	390g