# POWERPSSONIC

**KEEPING YOU IN CHARGE** 



## PSC-2410000-LIFE-EU 8CELL 10.0A

LiFePO4 Battery Charger PSC-LiFe Battery Charger Series

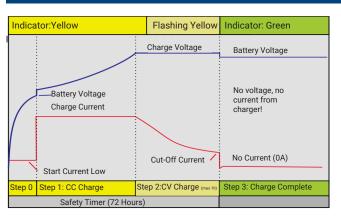
## **FEATURES**

- 3-step charge control with current detection
- Input voltage 198 264 VAC
- Wake up and low current start-up of deeply discharged batteries
- Error indication for reverse polarity, defect battery & safety timer run-out

## **APPROVALS**

- DOE compliant
- ISO9001:2015 Quality management systems
- Medically certified EN60601-1 3.1 & EN60601-1-2 4
- CE compliant
- UL approved

#### **CHARGER DIAGRAM**



#### **GLOBAL HEADQUARTERS** (USA AND INTERNATIONAL EXCLUDING EMEA)

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### **PERFORMANCE SPECIFICATIONS**

Input voltage	198 - 264 VAC
Line frequency	47 – 50Hz
Switch frequency, approx	65 kHz
Leakage current from battery with mains switched off	<160µA@29.2V
Operating temperature	-25 °C - +40 °C
Storage temperature	-25 °C - +65 °C
Derating	7A @ 40 °C
Max output power	292W
Charge Control (see charger diagram) Step 0 < 10min (Yellow) Step 0 > 10min (Red: 4 blinks) Step 1 (Yellow) Step 2 (Flash yellow) Step 3 (Green) Restart	Low current start-up for: CC 0.8A±0.2A when batt volt < 21V Battery voltage too low: 0A / 0V Charge current: 10A ±0.3A Charge voltage: 29.2V ± 0.2V Charge term when current is: < 0.8A or max. 1 hr. 26.4V
Protection	Protected against reversed polarity, short circuit and thermal run-off
Insulation class	Class II
Insulation voltage Primary Secondary	4000VAC 5700VDC
Electrical safety	EN60601 (Edition 3.1)
EMC standards	EN60601-1-2:2015 (Edition 4)
Input terminal	2-pin IEC 60320 connector
Output terminal	Battery clips
IP rating	IP44
Dimensions (LxWxH)	210 x 113 x 53mm
Weight	1150g

