

# pOweration

## **“BC-2014” ULTRA COMPACT 4-BAY SMART BATTERY CHARGER (Military Grade)**



H: 125 mm  
W: 275 mm  
D: 250 mm

www.poweration.com

Up to 4 batteries can be charged simultaneously, including Li-Po Batteries  
(eg: 2xBB2590; 4xBB2847 batteries can be charged in less than 2 hours)

With suitable adaptors many different types of batteries can be charged

ELSYS “BC2014” Chargers are in compliance with MIL-STD-1275D, MIL-STD-1275E,  
MIL-STD-461E and MIL-STD-810E (pending)

**The manufacturer of this product ELSIS Co. Inc. established in 1971 is  
an “ISO-9001” certified company since 1999.**

12675 Danielson Court, Suite 401, Poway, CA 92064  
Phone: 619-540-7004 Email: ekoprulu@poweration.com  
www.poweration.com



Conventional / New

## Technical Specifications

### Features

**AC Input:** 95-265Vac ,47-63Hz (440Hz opt.)

**DC Input:** 10.5-36Vdc

**DC Solar Input:** 10.5-36Vdc with MPPT

Charging Up to 4 Batteries Simultaneously

4 Separate String, with SmBus V1.1 Smart Charge (L3) Algorithm

Up to 4.0 Amps per string, Up to 34Volts per string, continuously

Charge Almost All the Military and Communication Batteries using a designated Adaptor(Custom Battery Adaptors and Connectors are available)

Selectable Input Current limit for Limited input Power Source (Auto Lighter Plug Input, Truck Power, etc.)

Applicable Charge Algorithms for different Battery Chemistries (Li-Ion,Li-Polymer ,Li-Fe, NiMh, NiCd, LeadAcid)

Selectable Automatic Discharge / Reconditioning Cycle

Easy to Follow Led Lighting Sequence, With SmBus V1.1

Remaining Capacity Display (%0-%100 with 5 segments).

Field Upgradable Software Through Secure Connector

**Size:** 10.62" x 9.68" x 4.87" (W: 275mm; H: 125mm; D: 250mm)

**Weight:** only 3.3kg

Vehicle Mountable via 4xM4 screws (Bottom)

**Operating Temperature:** -20°C to +50°C (-4°F to +122°F)

**Storage Temperature:** -40°C to +70°C (-40°F to +158°F)

GRP/SEALED to IP67 packing.

### Regulatory Compliance(Pending):

- MIL-STD-1275D and MIL-STD-1275E Power Compliant
- MIL-STD 810E (Specific Sections both for Mechanical and Shock)
- MIL-STD 461E Compliant

**Material/Color:** Polypropylene, Desert Tan / Black / Olive Drab Green

### Optional Parts:

- AC Input Cable(Included)
- DC Input Cable(According to the Customer Specs.)
- Solar Input Cable
- Battery Charge Adaptors (all BB2590 type, all BB2847 type, Bat\_ENGRK type, also custom matings)

