

## ESC-9635 Portable Military Li-Ion Battery Charger

Epsilor p/n: 96350000A

### Charges the following batteries:

ELI-9635 energy pack

### General Description

- The ESC-9635 is a state of the art portable military battery charger.
- The ESC-9635 auto senses when connecting the ELI-9635 energy pack in order to ensure the correct charge profile.
- The ESC-9635 charges separately the 2791 batteries in order to ensure the max. balance.
- The ESC-9635 contains smart charge modules, which detect open or shorted cells. If a defective cell is detected the ESC-9635 will not start the charge cycle.
- The ESC-9635 uses intuitive LED lighting sequences. Each charge station has two LED indicators, which indicate the operational status of the charger:
  - Flashing green LED indicates charging in process.
  - Steady green LED indicates charging has finished.
  - Red indicator LED indicates a fault in either the charger or the battery.

### Characteristics:

- One output connector to the energy pack
- 4 charging channel
- Main power indication
- Water Proof (when lid is closed)
- AC power input



### Electrical

AC input	103-265 VAC
Input freq.	47-63 Hz
Max. charge power	200W
<u>Output(for each battery)</u>	
voltage:	16.8V
Max. current	3A

### Mechanical

Weight	6800 gr
Max height	<b>176mm</b>
Max width	<b>357mm</b>
Max length	<b>470mm</b>
Charger Housing	Plastic
Color	black

## Safety Protections

### Input:

- Short and open circuit shutdown
- Over temperature
- Under voltage shutdown terminals

### Output:

- Charged cycle starts on sensing battery
- Short circuit
- Overload
- Reverse polarity
- Over voltage
- Over temperature
- Safety timer

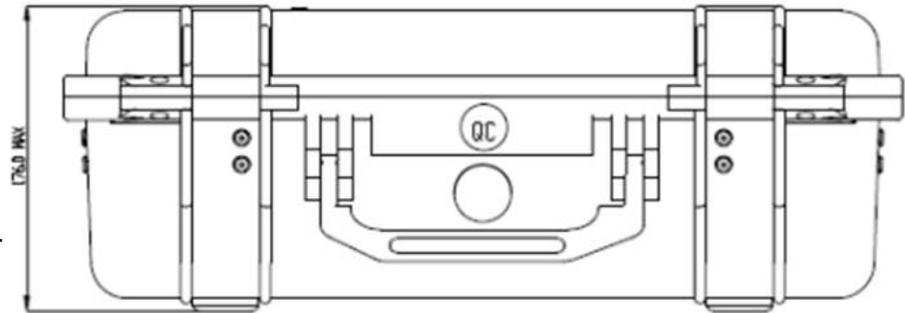
## Operating conditions

Storage	-20°C to 71 °C
Operating	0°C to 50°C
Humidity	0 to 90%

## Charge method (CCCV)

Charge voltage: 16.8VDC max.

Charge current: 3A max.

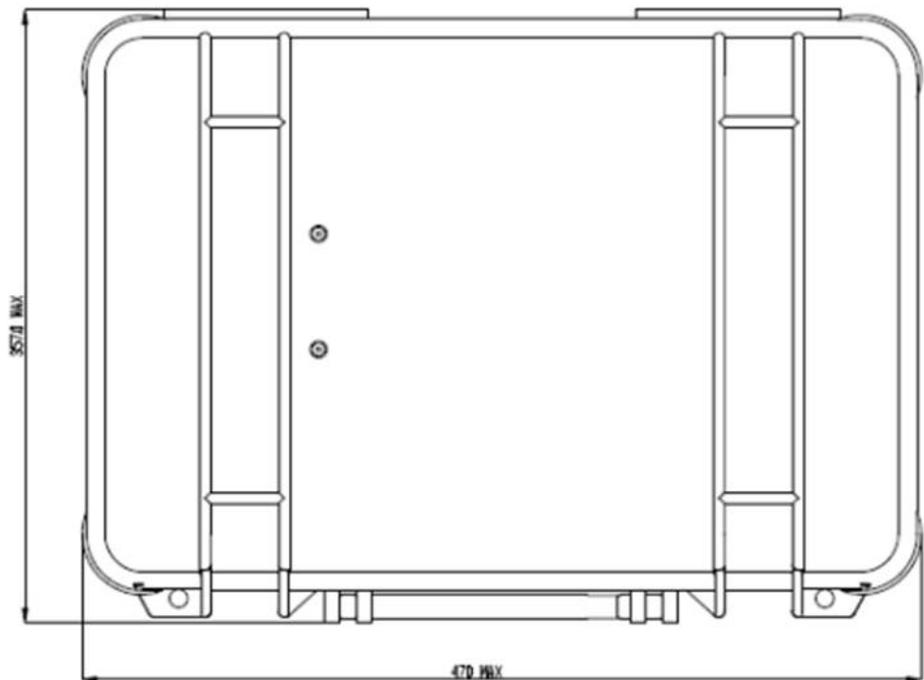


## Standards

MIL-STD-810E

## Quality

ISO9001



Specifications mentioned in this publication are subject to change without notice

Epsilor-Electric Fuel Ltd. Rotem Industrial Park, M.P. Arava, 86899 Israel

Tel: 972-8-655-6280, Fax: 972-8-655-5960 info@epsilor.com

<http://www.epsilor.com>