

CHG-1800 LI4 4-bay charger, PSU, no batt, TR1800, 240 ROAMEO



The CHG-1800 LI4 is a 4-bay full-featured battery charger for the RTS BP-240 Lithium Ion battery. This battery pack is utilized by the TR-1800 and TR-240 beltpacks. The charger offers status indicators and rapid charge capability. The CHG-1800 LI4 also offers "Intelligent Charging" optimizing the battery charge cycle and maintains the battery pack at peak capacity indefinitely.

Parts included

Quantity	Component
1	4-bay power distribution plate
4	li-ion single bay charger
1	4-bay in-line power supply unit
1	Product guide
1	Warranty and website information sheet

Technical specifications

Power

Input voltage (VAC)	100 VAC – 240 VAC
Output voltage (VDC)	19 VDC

- ▶ Rapid charging charges depleted BP-240 batteries in less than 2.5 hours
- ▶ Modular design so any one charging pocket can be replaced, if needed
- ▶ Power, Charging, Charged and Fault LED indicators make unit easy to use
- ▶ Indicates when battery is charged at 95% capacity or more

Mechanical

Dimensions (H x W x D) (in) No batteries installed	3.80 in x 9.29 in x 14.49 in
Dimensions (H x W x D) (cm) No batteries installed	9.7 cm x 23.6 cm x 36.8 cm
Weight, with power supply and cord, no batteries (lbs)	6.26
Weight, with power supply and cord, no batteries (kg)	2.84
Weight, without power supply and cord, no batteries (lbs)	4.40
Weight, without power supply and cord, no batteries (kg)	2.00

Environmental

Operating temperature (°F)	32 °F – 122 °F
Operating temperature (°C)	0 °C – 50 °C
Operating relative humidity, non- condensing (%)	0% – 95%
Storage temperature (°F)	-4 °F – 140 °F
Storage temperature (°C)	-20 °C – 60 °C
Storage relative humidity (%)	0% – 95%

Cutoff battery charging temperature, low (flash fault) (°F)	<32 °F
Cutoff battery charging temperature, low (flash fault) (°C)	<0 °C
Cutoff battery charging temperature, high (flash fault) (°F)	>122 °F
Cutoff battery charging temperature, high (flash fault) (°C)	>50 °C
* Recommended Battery Charging Range, low (°F)	68 °F
* Recommended Battery Charging Range, low (°C)	20 °C
* Recommended Battery Charging Range, high (°F)	77 °F
* Recommended Battery Charging Range, high (°C)	25 °C

* Recommended Battery Charging Range for best battery cycle life and capacity.

Charger Specifics

Time to charge a depleted battery to 100%	< = 2.5 hours
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Approvals

CE, UL, UKCA, CEC (California Energy Commission),
RCM, NOM

Ordering information

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4-bay charger, PSU, no batt, TR1800, 240

Order number **CHG-1800 LI4 | F.01U.409.085**

Accessories

PSU-CHG4 Power supply for CHG-1800LI4, CHG-TRNM4

Power supply for CHG-1800LI4, CHG-TRNM4

Order number **PSU-CHG4 | F.01U.409.089**

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