

CHG-TR NM4 4-bay charger, PSU, no batt TR 30-80-800

800 Wireless System



The CHG-TR NM4 is a 4-bay full-featured battery charger for the RTS BP800NM Nickel Metal Hydride battery. This battery pack is utilized by the TR-30N, TR-32N, TR-700, TR-80N, TR-82N, TR-800, and TR-825 belt packs. The charger offers a conditioning cycle, status indicators and rapid charge capability. The CHG-TR-NM4 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	NiMH 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)(Universal)	100 VAC – 240 VAC
Output voltage (VDC)	19 VDC

- ▶ Rapid charging charges depleted BP800NM batteries in less than three hours
- ▶ Modular design for easy replacement, if needed
- ▶ Power, Charging, Conditioning, Charged, and Fault LED indicators make the unit easy to use
- ▶ Device indicates when the battery is charged at 95% capacity or more

Mechanical

Dimensions (H x W x D) (in) No batteries installed	4.25 in x 9.29 in x 14.49 in
Dimensions (H x W x D) (cm) No batteries installed	10.8 cm x 23.6 cm x 38.8 cm
Weight, with power supply and cord, no batteries (lbs)	6.29
Weight, with power supply and cord, no batteries (kg)	2.85
Weight, without power supply and cord, no batteries (lbs)	4.43
Weight, without power supply and cord, no batteries (kg)	2.01

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%	< = 3 hours
Conditioning: When activated by the user, completely discharges a battery and then automatically switches to charging mode. Conditioning Battery Drain	250mA
Approximate time to drain a fully charged battery	9 to 10 hours

Approvals

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

Ordering information

CHG-TR NM4 4-bay charger, PSU, no batt TR 30-80-800
4-bay charger, PSU, no battery TR 30-80-800
Order number **CHG-TR NM4 | F.01U.409.091**

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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