



50W - 30 MINUTES AC/DC NI-CD BATTERY CHARGER

MTC-50



FEATURES:

- VERY SMALL & COMPACT IN SIZE
- 10 CELLS NICD BATTERY PACK
- EMI/ RFI: MEET LIMITS
- MEET UL60950, TUV EN60950
- FCC PART 15 CLASS B
- CISPR 22 CLASS B

SPECIFICATION

INPUT SPECIFICATION

Input Voltage: 90-132Vac typical.

Input Frequency: 47-63Hz.

Input Power: 120VA max.

Inrush Current: 25A; cold start 25 °C.

EMI: FCC part 15 Class B, CISPR 22 Class B

OUTPUT SPECIFICATION

Output Voltage: +6.0V ~ +18Vdc

Output Current: 3.0 +/-0.3A

Output Wattage: 50 Watts typical.

Line Regulation: ± 1.0% typical.

Load Regulation: ± 5.0% typical.

Protection: Fully protected against over voltage, over current and short circuit. Temperature cut-off @ 40 °C.

GENERAL SPECIFICATION

Efficiency: >70% at fast charge

Safety Standard: UL60950 & TUV EN60950

LED Indication: Orange – pending charge

Green – charging

Red – charge completion

Construction: Impact resistant plastic enclosure case

OUTPUT VOLTAGE / CURRENT RATINGS CHART

SINGLE OUTPUT (Model No. for example)

| MODEL NO. | NO. OF CELL | CELL CAPACITY | CHARGE TIME (MAX) |
|--------------|-------------|---------------|-------------------|
| MTC50-00X130 | 10 | 1.3AH | 30 Minutes |
| MTC50-00X200 | 10 | 2.0AH | 45 Minutes |

MECHANICAL DIMENSIONS: 151x98x62MM

WEIGHT: 540g

Note:

1. All measurements are at nominal input, full load, and +25 °C unless otherwise specified.

2. Due to requests in market and advances in technology, specifications subject to change without notification.



For the details of safety approval, please consult the factory.