

NiCD/NiMH Battery Charger

STANDARD BATTERY CHARGER

OUTLINES

This is a micro-processor controlled universal battery charger for NiCd and NiMH battery cells. The product is designed to charge battery packs from 4 to 24 cells. It is optimised for Panasonic battery cells. The AC cable is detachable. The battery pack is connected by a cable. The connector can easily be attached by the customer according to his requirements. The charger recognises the temperature of the battery packs by NTC. The standard NTC is a 10k Ω type 103AT-2 from Ishizuka Denshi.

FEATURES

- 3 charge detection criteria: dU, dT/dt, Tmax
- wide range of cells
- indication of function by two LEDs
- adaptable to different battery packs
- world-wide approved

SPECIFICATIONS

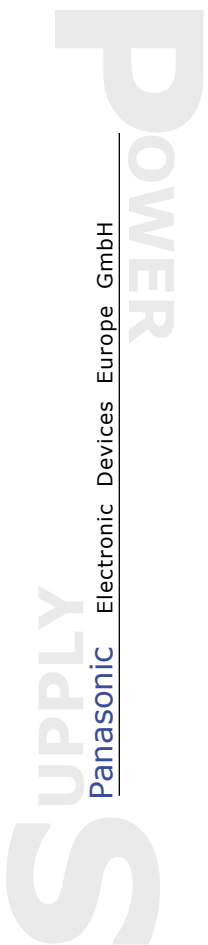
ENVIRONMENTAL CHARACTERISTICS	
Operation Temperature	-0°C - +40°C @outside of case
Storage Temperature	-15°C - +50°C
Cooling Condition	Natural convection
Operation Environment	Indoor use
INPUT CHARACTERISTICS	
Input Voltage (Vin)	Rated: 100 - 240 Vac Single Phase Range: 90-254 Vac
Input Frequency	Rated: 50 - 60 Hz Range: 47 - 63 Hz
Input Power	100W max. @rated output power and rated Vin
Standby Power	< 1W @rated Vin
Efficiency	>80% @ max. output power within rated Vin

VOLTAGE CURRENT CHARACTERISTICS

Output characteristics are controlled by a micro-controller.

Output Voltage	3,5 - 42 Vdc
Output Current	2,0 Adc
Max. Cont. Output Power	80W @ rated ambient temperature

Design and Specifications are subject to change without notice. Ask the factory for technical specifications before purchase and/or use. If there is any doubt regarding the safety of this product, kindly inform us immediately for technical consultation.



Panasonic ideas for life



CONTACT

Dipl.-Ing. (FH)
Jörg Kaché
Product Manager
Power Supply/Control & Drives
Zeppelinstrasse 19
21337 Lüneburg, Germany

Tel. (49)-4131-899-167
Fax (49)-4131-899-187
Joerg.Kache@eu.panasonic.com