



ISO 9001
REGISTERED



BATTERY CHARGER ADAPTORS FOR NORTH AMERICA, JAPAN, EUROPE, UK

Wall Plug-In and Desktop Battery Charges

Part Number Ordering System (See Page 78)
Output Plug/Cord Options (See Page 67)



General Specifications:

Input Voltage/Frequency:

120VAC+/-10%/60Hz for N.A. Types
100VAC+/-10%/50-60Hz for Japan Types
230VAC+/-10%/50Hz for Euro. Types
240VAC+/-10%/50Hz for U.K. Types

Charger Method:

Current Limiting Resistance

Battery Type:

Lead-Acid; Ni-Cd; Ni-MH; Polymer Li-Ion

Direct Plug-In Battery Size:

AAA; AA; C; D

Charger Interconnect:

Alligator Clips; Cigarette Lighter

Standard Charge:

14 Hours at C/10

Protection:

Primary Thermal Fuse; Short Circuit and
Overload Protection /Inherently LPS

Configuration:

Step Down Line Transformer with Rectifier-Capacitor Filter
DC Power Source with Series Current Limiting Resistor.

Operating Temperature:

0° to 40° C

Humidity:

0%-90% R.H., non-condensing

Storage Temperature:

-20° to 70° C

Dielectric Strength:

N.A./Japan Models:

1500VAC pri-sec/ pri-ground

Euro./U.K. Models:

2500VAC pri-sec/ pri-ground

Enclosure:

Black Polycarbonate, UL94V-0

Cooling:

Thermal Convection, no-vents

Cords:

Output: Standard 6 ft. 2 conductor, 24-16AWG;
Input: 2 or 3 conductor, 18AWG SPT-1 Input Desk-Top (DeskTop only)
For other Output Cords, please refer to Output Plug/Cord options

Safety/EMI:

N.A./Japan Models:

UL1310, CSA22.2, FCC Class B

Euro./U.K. Models:

TUV/GS EN60950, CE Compliant

Toy Transformer:

UL697, CSA 22.2 No.173

Notes:

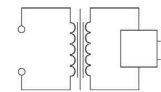
- 1) For unit size and output cords please refer to Adaptors Case Style Spec and Adaptors output Plug/Cord Options
- 2) For Input Blade Options please refer to International-Adaptor Input Blade Options
- *3) Within each Model, Charge Current may vary from 50mA to Max. Load specified in 50mA increments; Factory adjust.
- **4) Option for specifying Open-Circuit Max. Output Voltage Deviation from Standard Model add Suffix -x.x to Model No.
- 5) All Models listed in the AC/DC Adaptors U.S. and Euro. Rating Tables have the provision to be converted into Battery Charger by adding the Suffix "BC" to Part No.
- 6) For Battery and Battery Pack Selection please refer to: Ni-Cd, Ni-MH and Polymer Li-Ion Batteries and Battery Packs GlobTek Catalog (Gray) and Product Data Sheets

Options:

- 1) Primary Earth ground PIN and secondary/shield ground.
- 2) Custom output cords, connectors and shielding arrangements.
- 3) Other outputs or custom design per customer specifications

Schematic Diagram:

AC Input:
100-120VAC, 50-60Hz
or
230/240VAC, 50Hz



AC Output:
1.2VDC-24VDC
30mA-5000mA

Direct Plug-In Battery Chargers: Ni-Cd and Ni-MH Battery

Note: Plug-In Chargers are ordered by Model Number, only

** BATTERY CHARGER MODEL NUMBER	MAX. NO. OF BATTERIES	NOMINAL VOLTAGE (V)	NOMINAL CAPACITY (MAH)	* STANDARD CHARGE (MA)	CHARGING TIME (HOURS)	OPEN CIRCUIT VOLTAGE (V)	DISCHARGE CUT-OFF VOLTAGE (V)	N.A. WALL PLUG	EU. WALL PLUG	U.K. WALL PLUG
GT-DBCA-4A	(4) AAA	1.2	300Ni-Cd 550Ni-MH	30Ni-Cd 55Ni-MH	1414	1.51.5	11	■		
GT-DBCA-4AD	(4) AA	1.2	900Ni-Cd 1500Ni-MH	90Ni-Cd 150Ni-MH	1414	1.51.5	11	■		
GT-DBCA-01A	(2) C	1.2	2500Ni-Cd	250Ni-Cd	1414	1.51.5	11	■		
GT-DBCA-01AD	(1) D	1.2	4500Ni-Cd	450Ni-Cd	1414	1.51.5	11	■		
GT-DBCE(B)-4A	(4) AAA	1.2	300Ni-Cd 550Ni-MH	30Ni-Cd 55Ni-MH	1414	1.51.5	11		■	■
GT-DBCE(B)-4AD	(4) AA	1.2	900Ni-Cd 1500Ni-MH	90Ni-Cd 150Ni-MH	1414	1.51.5	11		■	■

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**Battery Packs: Lead Acid, Ni-Cd and Ni-MH DeskTop Chargers**

Note: Plug-In Chargers are ordered by Model Number, only

** BATTERY CHARGER MODEL NUMBER	BATTERY PACK NOMINAL VOLTAGE (V)	* MAX CHARGING CURRENT (MA)	NOMINAL CAPACITY (AH)	TERMINALS (+/-) CIGARETTE LIGHTER	TERMINALS (+/-) ALLIGATOR CLIPS	N.A. DESK-TOP	EURO. DESK-TOP	U.K. DESK-TOP	JAPAN DESK-TOP
GT-DBCA(E,B)-57-06600	6	600	5~9	■		■	■	■	
GT-DBCA(E,B)-57-06800	6	800	6~11	■		■	■	■	
GT-DBCA(E,B)-57-061000	6	1,000	8~14	■		■	■	■	
GT-DBCA(E,B)-57-12600	12	600	5~9	■		■	■	■	
GT-DBCA(E,B)-57-12800	12	800	6~11	■		■	■	■	
GT-DBCA(J)-66-121200	12	1,200	10~17	■	■	■			■
GT-DBCA(J)-66-121500	12	1,500	10~17	■	■	■			■
GT-DBCA(J)-66-121700	12	1,700	10~17	■	■	■			■
GT-DBCE-122A	12	2,000	24~38		■		■		
GT-DBCE-123A	12	3,000	24~38		■		■		
GT-DBCE-124A	12	4,000	38~50		■		■		
GT-DBCE-125A	12	5,000	50~75		■		■		
GT-DBCA(E,B)-57-24400	24	400	3~6	■		■	■	■	
GT-DBCA(E,B)-57-24500	24	500	4~7	■		■	■	■	
GT-DBCA(E,B)-57-24600	24	600	5~9	■		■	■	■	
GT-DBCA-66-24800	24	800	6~12		■	■			



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