



Energizer SA
European Headquarters
8, impasse Colombelle
1218 Le Grand-Saconnex/Geneva, Switzerland
Tel. +41 (22) 9299 411 Fax +41 (22) 9299 438
TVA n° 146 652

Engineering Data

Energizer – Universal charger. Model No. BC-5HU

PRODUCT DESCRIPTION:

Description:	Computer Controlled Universal NiMH /NiCd Battery Charger
Type:	Desk top type with direct plug-in type power unit
Technology of batteries:	Nickel-Cadmium / Nickel-Metal Hydride
Batteries Charged Size:	D, C, AA, AAA and 9V cell
Number of channels:	4 channels (2 for D/C/AA/AAA and 2 for 9V) - for 2 or 4pcs. AA / AAA / C / D and 1-2pcs 9V Ni-MH/Ni-Cd battery.
Plastic enclosure material:	Acrylonitrile Butadiene Styrene (ABS), type no. PA-765, flame class: 94V-0, file E56070 or other equivalent.
Case color:	Silver for the cover Dark grey for the base & bottom case
Primary:	Powered by an external AC Adaptor (18V DC 500mA)
Dimensions: (without power unit)	185mm(L) x 182mm(W) x 60mm(H)
Weight: (without power unit) (Adaptor)	455 grams (approx.) 460 grams (approx.)

TECHNICAL SPECIFICATIONS:

Primary Voltage and Frequency (Adaptor)	220 – 240V 50Hz (European, Australian, Asian market) 120V 60Hz (US market)
Primary Voltage (Charger)	18V DC 500mA
Output:	AA/C/D - 2 x (2.8V 550mA) AAA - 2 x (2.8V 280mA) 6F22 - 2 x (9.0V 12-16mA)* *Remark: Charging current for 9V cell is 12mA at full load of the charger and 16mA for 9V charging only.
Trickle charge (D/C/AA/AAA):	30mA ± 10mA

Important Notice

This datasheet contains information specific to battery chargers manufactured at the time of its publication.

Contents herein do not constitute a warranty.

Copyright © Eveready Battery Co. Inc. – All Rights Reserved. June '04.



Energizer SA
European Headquarters
8, impasse Colombelle
1218 Le Grand-Saconnex/Geneva, Switzerland
Tel. +41 (22) 9299 411 Fax +41 (22) 9299 438
TVA n° 146 652

Type of end of charge detection:

- 1. $-\Delta V$ detection 8mV \pm 3mV
- 2. max timer control AAA/AA/C/D – 5.5hr

Safety features:

- a. $-\Delta V$ charging cut-off
- b. Safety timer to prevent over charge
- c. Reverse-polarity protection (Mechanical arrangement to prevent charging cells in reverse.)

Temperature:

Storage temperature: -20°C to 55°C

Working temperature: -10°C to 35°C

Casing maximum temperature during charging
temperature rise: 35°C

Batteries maximum temperature during charging
temperature rise: 35°C

Description of the Leds:

AAA/AA/C/D cell

Red LED - Rapid mode;

Green LED - Trickle mode

9V cell

Red LED – Standard charge mode

CHARGING TIME:

Fully charge 2 or 4pcs Ni-MH AAA 800mAh	: 3h45
Fully charge 2 or 4pcs Ni-MH AA 2100mAh	: 4h30
Fully charge 2 or 4pcs Ni-MH AA 2300mAh	: 5 hours
Fully charge 2 or 4pcs Ni-MH AA 2500mAh	: 5h30
Fully charge 2 or 4pcs C and D 2300mAh	: 5 hours
Fully charge 1 or 2pcs Ni-MH 9V 150mAh	: 12 hours
	(the other charging slots are without batteries)
	18 hours
	(all charging slots are loaded with batteries)

*Charge time will vary with the capacity, condition, and amount of charge left in the battery to be charged.

Important Notice

This datasheet contains information specific to battery chargers manufactured at the time of its publication.

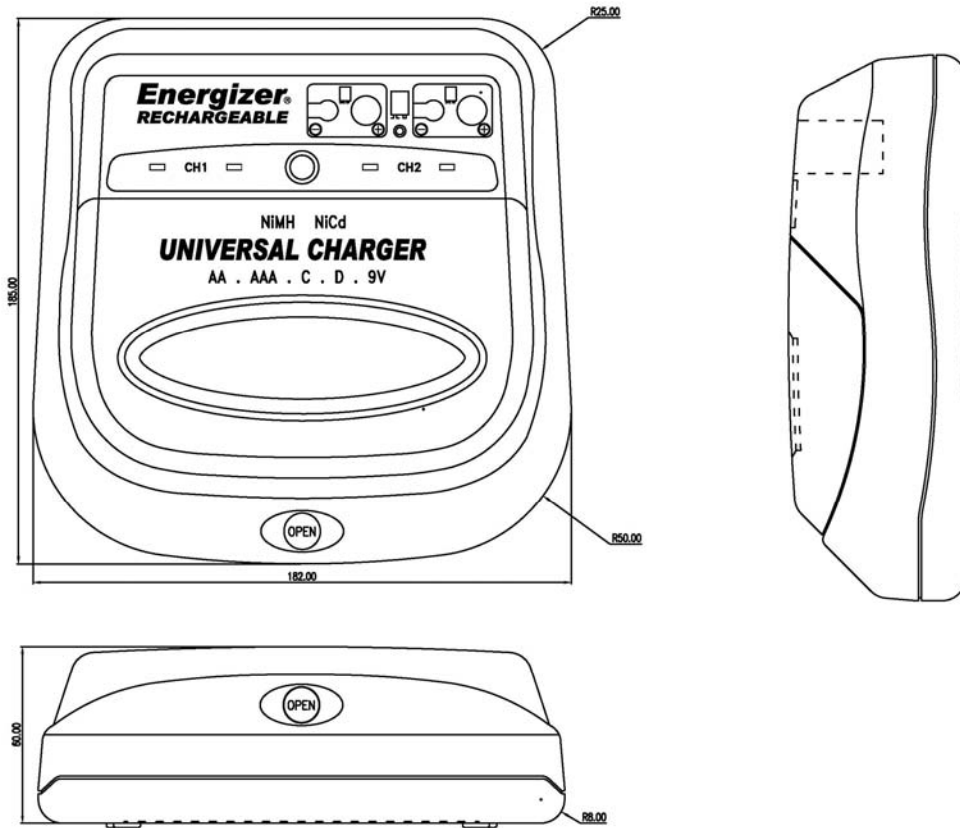
Contents herein do not constitute a warranty.

Copyright © Eveready Battery Co. Inc. – All Rights Reserved. June '04.



Energizer SA
European Headquarters
8, impasse Colombelle
1218 Le Grand-Saconnex/Geneva, Switzerland
Tel. +41 (22) 9299 411 Fax +41 (22) 9299 438
TVA n° 146 652

Drawing / Dimensions



Picture:



Important Notice

This datasheet contains information specific to battery chargers manufactured at the time of its publication.

Contents herein do not constitute a warranty.

Copyright © Eveready Battery Co. Inc. – All Rights Reserved. June '04.