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Solutions to improve the quality of life



UNIVERSAL 320

RC101296 - CHARGER



- Full charge in 4-8 hours
- Will charge AAA, AA, C, D or 9V
- Timer controlled
- Auto shut off

...UNIVERSAL CHARGER



Timer control

Batteries Charged

1 to 4
AA / AAA / C / D
Ni-Cd Ni-MH

1 or 2
9V
Ni-Cd Ni-MH

Adaptor type

Built-in
Linear

AC
220-240V

- This Universal 320 will charge AAA, AA, C, D or 9V size batteries.
- Due to a timer inside the charger, after a charge period the charger will switch to trickle charge.
- Will charge both Ni-Cd & Ni-MH technologies.
- When charging AA, AAA, C or D sizes - indicator lights glow red at the beginning of the charge and then go out when the charge is complete.
- When charging 9V sizes - indicator lights glow red at the beginning of the charge and remain red.
- This charger will charge 1 to 4 batteries of the same type at the same time.



Technical Specification

INPUT - RATING	AC 230V 50hz 12W	
OUTPUT - RATING	4 x (1.4V/400mA) 2.128VA 4 x (1.4V/320mA) 1.76VA 4 x (1.4V/130mA) 0.42VA 2 x (9V/15mA) 0.235VA	C & D AA AAA 9V
CHARGING CURRENT AAA Ni-Cd / Ni-MH AA Ni-Cd / Ni-MH C Ni-Cd / Ni-MH D Ni-Cd / Ni-MH 9V Ni-Cd / Ni-MH	130mA 320mA 400mA 400mA 15mA	
CHARGING TIME AAA / AA / C / D - Ni-Cd AAA / AA / C / D - Ni-MH 9V Ni-Cd 9V Ni-MH	4 hours 8 hours 14 hours 14 hours	Selected by a switch (not applicable for 9V) Selected by a switch (not applicable for 9V) Controlled by the user Controlled by the user
TRICKLE CURRENT AAA- Ni-Cd / Ni-MH AA - Ni-Cd / Ni-MH C / D - Ni-Cd / Ni-MH	9mA 12mA 36mA	
INPUT PROTECTION REVERSED CONNECTION	Thermo fuse 125°C No charge & without any consequence	
SHORT CIRCUIT	Limitation of the output current	

Mechanical Specification

ITEM	H/W/D (mm) in Packaging	Weight (g) in Packaging	QTY per pack
UNIVERSAL 320	390 / 155 / 100	907	1

BEFORE PLUGGING THE BATTERIES INTO THE MAINS POWER

The batteries should be inserted (take care to observe polarity) in quantities of two to four pieces at a time (same size) except 9V. Do not mix battery size/types at the same time (not applicable for 9V size batteries). Select the correct technology with the switch.

CHARGE AND END OF CHARGE FOR AAA, AA, C OR D SIZE BATTERIES

As the charger is connected to the mains, the charge begins and the charging LED indicator illuminates red. After the charging time defined by the timer the red LED lights down, the charger switches to trickle charge mode and the batteries are now ready for use. Do not disconnect the charger or stop the mains power during charging as the timer would reset and the batteries will overcharge.

CHARGE & END OF CHARGE FOR 9V SIZE

As the charger is connected to the mains, the charge begins and the green LED illuminates. The user must stop the charge after 14 hours by disconnecting the charger from the mains power.

PROTECTION AGAINST REVERSED CONNECTION

By the design of the charger, when a battery is inserted the wrong way, there is no contact between the charger and the battery. That is why the charge does not begin and the LED does not illuminate.

Logistic Data

ITEM	BARCODE	INNER	Weight (g)	H/W/D (mm)	OUTER	Weight (g)	H/W/D (mm)	Outers/Layer	Layers/pallet
UNIVERSAL 320	5 014949 01296 8	6	6300	172/540/420	24	25200	690/540/420	3	3