



Type: 57688
Designation: LCD Universal Charger⁺
Plug Type: DC socket
 2.5 x 5.5 x 11.5mm
 AC socket
 67.5 (L) x 29 (W) x 80 (W) ± 0.5 mm
 Cord length 1m
 Weight 96 g ± 5 g

Systems to charge: ... Ni-MH
Cell sizes: AAA, AA, C, D, 9V, USB
Cell configurations: ... AAA, AA, C, D, 1-4pcs (single slot)
Cell configurations: ... 9V: 1pcs
USB 5V: 1 port

Dimensions:	Charger:	AC / DC Adapter:	Input:
Length:	169 mm ± 1 mm		100 – 240V, AC 50-60Hz
Width:	137 mm ± 1mm		Output
Height:	52 mm ± 1 mm		12V DC, 1.25 A, 15W
Weight:	274 g ± 5 g		

Charging methods:	DC 12V 1250mA	Maintenance Charge:
AA/C/D:	Current: 450mA ± 10%	Current: 0mA
AAA:	Current: 200mA ± 10%	
9V:	Current: 34mA ± 10%	
5V USB:	Current: 2400mA ± 10%	

Housing:	Indications: LCD display	
Housing material:	PC	AAA, AA, cell mix:
Casing colour:	Black	1: Flashing of any bar in the circle = charging
		2: all four bars fixed = charging finished
		3: Bars flash alternately = error (Err)
		4: no indication = no charge
		5: USB logo on => USB charging
		6: USB logo flashing = USB error (Err)
		7: 9V on with left circle indicate the charging %. = 9V charging
		8: 9V left circle flash alternately = error (Err)

Protective Functions:	Cut off criteria:
Reverse protection:	Ni-MH standard cells:
Short circuit protection:	Timer: back up timer 8 hours
Alkaline detection:	-dV for AA/AAA/C/D
Bad cell detection:	

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