



Type: 57687
Designation: LCD PLUG CHARGER⁺

Dimensions:	Charger:	Systems to charge:.....	Ni-MH
Length:.....	124 mm ± 1 mm	Cell sizes:	AAA, AA, 9V, USB
Width:.....	85 mm ± 1 mm	Cell configurations:	AAA, AA:..... 1-4pcs (single slot)
Height:	73 mm ± 1 mm	9V	1pcs
Weight:.....	156 g ± 5g	USB:	5V..... 1 port

Charging methods:	AC 100-240V 50-60Hz	Maintenance Charge:
AA:	Current: 450mA ± 10%	Current: 0mA
AAA:.....	Current: 200mA ± 10%	Power:
9V:.....	Current: 34mA ± 10%	Primary:
5V USB:.....	Current: 2400 mA ± 10%	Secondary:
		100-240 VAC 50-60Hz
		1.4V

Housing:	PC	Indications: LCD display
Housing material:	AAA, AA, cell mix:	1: Flashing of any bar in the circle = charging
Casing color:	Black	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 battery charging
		8: 9V left circle flash alternately = error

Protective Functions:	Cutt off criteria:
Reverse protection:	Mechanical arrangement
Short circuit protection:	No current, LCD error (Err)
Bad cell detection;	LCD error (Err)
Alkaline detection;	LCD error (Err)
	Timer: backup timer
	Ni-MH standard cells:..... 6.5 hours for AA, AAA
	8 hours for 9V
	-dV

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