VARTA CONSUMER BATTERIES

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Data Sheet LCD UNIVERSAL CHARGER+ 57688







Type:	57688	**Systems to charge:**	Ni-MH
Designation:	LCD Universal Charger+	**Cell sizes:**	AAA, AA, C, D, 9V, USB
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	**Cell configurations:**	AAA, AA, C, D . 1-4pcs (single slot)
		Cell configurations: USB	9V:.....1pcs 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:

Housing material: ..... PC AAA, AA, cell mix:
Casing colour: ..... Black

Indications: LCD display

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 error (Err)
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:	Mechanical arrangement	Ni-MH standard cells:	Timer: back up timer 8 hours
Short circuit protection:	No current, LCD error (Err)		-dV
Alkaline detection:	LCD error (Err)		
Bad cell detection:	LCD error (Err)		

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VARTA Consumer Batteries GmbH & Co. KGaA
Alfred-Krupp-Str. 9 73479 Ellwangen Germany

Subject to change without prior notice!
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Phone: (+49) 7961/83-0, Fax: (+49) 0800 827 8274