

**Comparative table of Foton chargers**

Type		Foton Expert	Foton Smart	Foton Travel	Foton Universal	Foton Standard
<b>Features</b>						
<b>System (Interior structure)</b>		Ni-Mh	Ni-Mh Ni-Cd	Ni-Mh Ni-Cd	Ni-Mh Ni-Cd	Ni-Mh Ni-Cd
<b>Cell Dimensions</b>		AA (R6) AAA (R3)	AA (R6) AAA (R3)	AA (R6) AAA (R3)	AA, AAA, C, D, 9V	AA (R6) AAA (R3)
<b>Time</b>		90min 2xAA/2300	4 h 4xAA/2000	5..6 h 2xAA/1800	8..12 h 4xAA/1200	10...16 h 4xAA/1200
<b>Channels:</b>		4: 1 x AA 2: 1 x AAA	2: 2 x AA 2: 2 x AAA	2: 1 x AA 2: 1 x AAA	4:R3,R6,C, D și 2: 9V	2: 2 x AA 2: 2x AAA
<b>Detecting end of charging:</b>		- ΔV	- ΔV	Yes	-----	-----
<b>Simultaneous charging:</b>		1...4AA/ 1...2AAA	2 or 4AA 2 or 4AAA 2AA+2AAA	1...2AA 1...2AAA	1...4 C, D, AA,AAA 1...2 9V	2 or 4AA 2 or 4AAA
<b>Display notifications</b>	Charging	LCD, Special Display	LCD, Special Display	LED blinking LED, red light	Continuous LED light	Continuous LED light
	End of charging	Symbol on LCD display	Symbol on LCD display	Continuous LED light (green)	LED turns off	-----
	Wrong cell.	Symbol on LCD display	-----	-----	-----	-----
<b>Protections</b>	Wrong polarity	YES	YES	YES	-----	YES
	Short - circuit	YES	YES	YES	-----	-----
	Overheating	YES	YES		-----	-----
	Wrong cell	YES	-----	-----	-----	-----
<b>Power suply</b>	<b>In</b>	- 30V,50Hz transform. - 12V auto - USB PC	-230V,50Hz -110V,60Hz electronic convector	-30V,50Hz transform.	- 30V,50Hz transform.	-30V,50Hz transform.
	<b>Out</b>	4 x 1,2V Imax=1,6A	2 x 2,4V Imax = 1A	2 x 1,2V (paralel) Imax = 0.4 A	4 x 1,2V Imx=0,22A	2 x 2,4V Imx=0,12A