

SPECIFICATIONS FOR 3745 LI	1 VARTA EasyPack S rID 3,9kΩ	2 VARTA EasyPack L rID 10kΩ	3 VARTA EasyPack XL rID 24kΩ	4 VARTA EasyPack Plus rID 52,3kΩ
Available versions	x			
Max output power	1.9W	3.6W	6.3W	
Efficiency (at 100% load) approx.:	64%	68%	70%	
Step 0 < 10min Yellow	CC 40mA ± 10mA (typical), when battery voltage < 3V.	CC 55mA ± 15mA (typical), when battery voltage < 3V.	CC 125mA ± 30mA (typical), when battery voltage < 3V.	CC 200mA ± 50mA (typical), when battery voltage < 3V.
Step 0 > 10min Red (4 blinks)	0A / 0V			
Step 1 (Constant Current) Yellow	CC 0.45A ± 50mA, when 3V < Vbat < 4.2V.	CC 0.85A ± 0.1A, when 3V < Vbat < 4.2V.	CC 1.5A ± 0.15A, when 3V < Vbat < 4.2V.	
Step 2 (Constant Voltage) Flashing Yellow	CV 4.2V ± 0.05V, until I charge < 25mA or max. 1h.	CV 4.2V ± 0.05V, until I charge < 55mA or max. 1h.	CV 4.2V ± 0.05V, until I charge < 125mA or max. 1h.	CV 4.2V ± 0.05V, until I charge < 260mA or max. 1h.
Charge timer (step2, CV)	1h			
Safety timer (all steps) Red (5 blinks)	6h			
Step 3 (Charge Completed) Green	0A			
Restart voltage	4.1V			
Input voltage: / Line frequency	90 - 264VAC / 47 - 63Hz			
Formation Charge (Step 0)	Low current start-up of deeply discharged battery.			
Wake-up of deeply discharged battery.	Yes, will apply voltage which deactivates deep discharge protection in battery pack.			
Indication when "Battery not connected"	Flashing Green (1s/1s)			
NTC input, on request (std is 10kohm, B-value 3435)	0 – 45 °C: Normal charge. Battery temperature < 0 °C (too cold) or > 45°C (too hot): No charge, wait until temp. is OK.			
Ripple:	< 100mV p-p			
Switch frequency approx.:	55kHz			
Leakage current from battery with mains switched off:	< 300 µA at nominal battery voltage (< 0.22 Ah/month)			
Protection:	Protected against reversed polarity. Error Indication: Red (2 blinks) Short circuit proof. Error Indication: Red (3 blinks) Charging of wrong lower voltage battery pack will be limited to 100mA and terminated after 10min. Indication: Red (4 blinks) Safety timer. Error Indication: Red (5 blinks) No charge (or charge terminated) if connecting wrong battery pack with higher voltage. Indication: LED is OFF.			
Temperature range:	Operating: -25 to +40oC. Storage: -25 to +85oC			
Safety:	Medical EN 60601-1 / Battery Charger EN 60335-2-29			
Insulation class :	Class II			
Insulation voltage: Primary – secondary:	4000VAC / 5700VDC			
EMC standards:	EN 55014-1 and –2, EN 61000-6-3, EN 61000-6-1, EN 60601-1-2			
Input terminal:	2-pins IEC 320 connector, C8.			
Output terminals:	Battery docking			
IP-Grade:	4X			
Dimensions:	115 × 56 × 35 mm			
Weight:	175g			