

Technical Data Sheet

RRC-SCC-EZP – Battery Charger



5 Watt Desktop Battery Charger for Varta EasyPack batteries S, L, XL and PLUS

Features:

- Single bay charger
- For the standard Varta EasyPack batteries S, L, XL and PLUS
- Simple operation – Plug and Play
- External wall plug power supply for worldwide use

Applications:

- Charging station for VARTA EasyPack battery packs for mobile devices used in industry and customer areas

Specification RRC-SCC-EZP

Input	
Voltage	5V nom.
Current	1000mA nom.
Power	5W

Output	
Voltage	4.2VDC
Volt. tolerance ⁽¹⁾	±1 % max.
Current max.	1A max. for EZPack L, XL, PLUS 0.5A max. for the EZPack S
Protection	Short circuit Battery over/under temperature Charger over temperature Charge timer

Environmental	
Cooling	convection cooled
Temperature	Operating: 0°C to 40°C Non-operating -10°C to 70°C
Pressure & Altitude	Operating: 1060hPa to 795hPa -382m to 2000m Non-operating: 1060hPa to 572hPa -382m to 4570m
Humidity	5% to 95% r.H., non-condensing

General	
Indicator	Multi-color LED (green, red, orange)
Battery types	EZPack S, EZPack L, EZPack XL, EZPack PLUS
Energy Efficiency	CEC, DoE
Green procurement	RoHS 2011/65/EU WEEE 2012/19/EU

LED Indications	
Orange light	The inserted battery is currently being charged.
Green light	The battery is charged and can be removed for use.
Red blinking	Battery detection phase
Red light	No battery inserted, battery over/under temperature-, charger over temperature-, battery over voltage-, battery charge timer time-out-error or input voltage too low

Charger Mechanical Details	
Housing dimensions (LxWxH)	46.7 x 101.4 x 12.5mm
Weight	26g (without power supply)

Notes:

1. Total regulation tolerance includes initial set accuracy, line and load regulation

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Safety & EMC		
In combination with the specified external AC/DC power supply		
Regulatory approvals	Europe	CE
Electromagnetic Emissions	Europe	EN55032 class B + CISPR32 class B
	USA	FCC15 class B
Electromagnetic Immunity	ESD immunity	EN/IEC61000-4-2
	Electromagnetic field immunity	EN/IEC61000-4-3
	EFT / Burst	EN/IEC61000-4-4
	Surge	EN/IEC61000-4-5
	Conducted Immunity	EN/IEC61000-4-6
	Magnetic Fields	EN/IEC61000-4-8 + -4-11

Specification external AC/DC power supply

Input	
Voltage range	100 - 240VAC
Current	0.35A max.
Stand by power	< 0.1W @115VAC and 230 VAC

Output	
Voltage	5VDC $\pm$ 0.25V
Power	5W max.
Current range	0 - 1A
Protection	Over voltage, over current, Short circuit

Environmental	
Temperature	Operating: -10°C to 40°C Storage: -20°C to 70°C
Humidity	Operating: 10% to 90% Storage: 5% to 95%

General	
Efficiency	California's Energy Efficiency Level VI
Lifetime	30000 hours min (acc. to MIL-HDBK-217F)
Ripple & Noise	120mV max.
Green procurement	RoHS2011/65/EU

Power Supply Mechanical Details	
Standard output connector	USB Micro 5pin
Standard input connector	Wall mount type EU, USA, AUS and UK
Housing dimensions (LxWxH)	54.8 x 29.45 x 44.9mm (without wall-mount plug)
Weight	45g $\pm$ 10g

Safety & EMC & Approvals		
Approvals	Europe	CE
	International	CB
	USA/Canada	cETLus
	Australia	SAA

Germany/Headquarters	USA	Hong Kong	China
RRC power solutions GmbH Technologiepark 1 D-66424 Homburg / Saar	RRC power solutions Inc. 18340 Yorba Linda Blvd., Suite 107-437 Yorba Linda, CA 92886-4104	RRC power solutions Ltd. S-V,6/F, Valiant Industrial Centre 2-12 Au Pui Wan Street Fo Tan, N.T., Hong Kong	RRC power solutions Ltd. Room 520, Yuanlin Building, Aiguo Road No. 3066, Luohu District, Shenzhen 518021
Tel.: +49 6841 98090 Fax: +49 6841 9809280 Email: sales@rrc-ps.de Web: www.rrc-ps.de	Tel.: +1 714 777 3604 Fax: +1 714 777 3658 Email: usa@rrc-ps.com Web: www.rrc-ps.com	Tel.: +852 2376 0106 Fax: +852 2375 0107 Email: hkrrc@rrc-ps.cn Web: www.rrc-ps.com	Tel.: +86 755 8374 1908 Fax: +86 755 8374 1861 Email: hkrrc@rrc-ps.cn Web: www.rrc-ps.com