

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 |
|---|---|---|---|
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