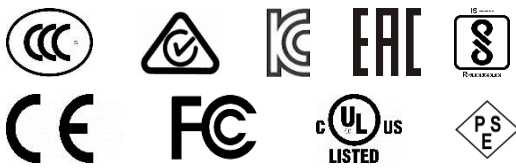


Technical Data Sheet

8- \$) &- – Single Cell Chargef



5 Watt Desktop Battery Charger for D91130

Features:

- Single bay charger
- For the standard battery D91130
- Optimized charging process for battery:
 - Longer cycle life
- Simple operation – Plug and Play
- External wall plug power supply for worldwide use

Applications:

- Standard charging station for mobile devices used in medical, industrial and consumer markets

Specification 8- \$) &-

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

| Output | |
|----------------------------------|---|
| Voltage | 4.35VDC |
| Current max. | 1A |
| Voltage tolerance ⁽¹⁾ | ±1% max. |
| Current tolerance ⁽¹⁾ | ±10% max. @1A |
| 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, yellow) |
| Battery types | Standard battery RRC1130 |
| Green procurement | RoHS 2011/65/EU WEEE 2012/19/EU Chinese RoHS |

| LED Indications | |
|-----------------|---|
| Yellow light | The inserted battery is of the correct type and 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 charge timer time-out-error or input voltage too low |

| Charger Mechanical Details | |
|----------------------------|------------------------------|
| Housing dimensions (LxWxH) | 67 x 107 x 9mm |
| Weight | 25g (excluding power supply) |

Notes:

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

Technical Data Sheet



8- \$) &- – Single Cell Charger (for the D91130 battery)

| Safety & EMC | | |
|---|--------------------------------|------------------|
| In combination with specified external AC/DC power supply | | |
| Regulatory approvals | Europe | CE |
| Electromagnetic Emissions | Europe | EN55022, level 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 |

Specification external AC/DC power supply

| Input | |
|----------------|------------------------|
| Voltage range | 100 - 240VAC |
| Current | 0.3A max. |
| Stand by power | No load 0.1W @ 230 VAC |

| Output | |
|---------------|-----------------------------|
| Voltage range | 5VDC |
| Power | 5W max. |
| Current range | 1A |
| Protection | Over voltage, Short circuit |

| Environmental | |
|---------------|--------------------------------|
| Temperature | Operating: 0°C to 40°C |
| | Non-operating -20°C to 60°C |

| General | |
|-----------------|---|
| Efficiency | California's Energy Efficiency Level VI |
| Line regulation | ±5% |
| Ripple & Noise | 200mV (p-p) |

| Power Supply Mechanical Details | |
|---------------------------------|---------------------------------|
| Standard output connector | Micro USB |
| Housing dimensions (LxWxH) | 71 x 60 x 26.5mm for UK |
| | 60 x26 x40mm for EU |
| | 60 x26 x40mm for KR |
| | 60.3 x 41.5 x 66.3mm for AUS |
| | 60 x 25.2 x 40mm for USA/CAN/JP |
| | 68 x 30 x 35mm for CN |
| Weight | 70g max. |

| Safety & EMC & Approvals | | |
|--------------------------|------------------------|-------|
| Approvals | Europe | CE |
| | International | CB |
| | USA/Canada | cULus |
| | Australia | RCM |
| | Korea | KC |
| | China | CCC |
| | Japan | PSE |
| | Russia (Customs Union) | EAC |
| | India | BIS |