

RRC-SCC1130

Standard battery charger

P/N: 110002

110121 (MP Version with Multi Wall-Mount Plugs for EU, US, AU and UK)

110038 (US Version for US, CA, MX, JP)

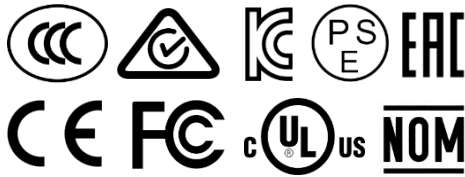
110057 (EU Version for EU, RU)

110069 (UK Version)

110070 (AU Version for AU, NZ)

110071 (KC Version for KR)

110072 (CC Version for CN)



Features:

- 5.00W single bay charger
- For the standard battery RRC1130
- Optimized charging process enables longer cycle life for RRC battery
- Simple operation – Plug and Play
- External power supply for worldwide use

Applications:

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

Specification

Input		
Voltage	5.00V nom.	
Current	1.00A nom.	
Power	5.00W	
Output		
Voltage range	4.35VDC	
Current range	1.00A max.	
Voltage tolerance	±1% max.	
Current tolerance	±10% max. @1.00A	
Protection	Short circuit, battery over/under temperature, charge over temperature, charge timer	
Environmental		
Cooling	convection cooled	
Temperature	Operation: 0°C to 40°C	Storage: -10°C to 70°C
Pressure & Altitude	Operation: 1060hPa to 795hPa -382m to 2000m	Storage 1060hPa to 572hPa -382m to 4570m
Humidity	10% to 90% r.H., non-condensing	
General		
Indicator	Multi-color LED (green, red, orange)	
Battery types	Standard battery RRC1130	
Green procurement	RoHS 2011/65/EU, 2015/863/EU WEEE 2012/19/EU Chinese RoHS	
LED Indications		
Orange 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 error Charger over temperature error Battery over voltage error Battery charge time-out error Input voltage too low	
Charger Mechanical Details		
Housing dimensions (LxWxH)	66.80 x 106.61 x 8.48mm	
Weight	25.00g (excluding power supply)	
Safety & EMC		
In combination with included external AC/DC power supply		
Regulatory approvals	Europe	EN 60950-1 (CE)
	International	IEC 60950-1 (CB)
Electromagnetic Emissions	Europe	EN55011, EN55032, class B
	USA	FCC15 class B
Electromagnetic Immunity	Electrostatic discharge	EN/IEC61000-4-2
	RF electromagnetic fields	EN/IEC61000-4-3
	EFT / Burst	EN/IEC61000-4-4
	Surge	EN/IEC61000-4-5
	Conducted FR disturbance	EN/IEC61000-4-6
	Electromagnetic Fields	EN/IEC61000-4-8
	Voltage Dips and Interrupts	EN/IEC61000-4-11

Specification for external AC/DC power supply

Input		
Voltage	100.00 – 240.00VAC ±10%, 50-60Hz	
Current	0.30A max.	
Stand by power	No load < 0.10W	
Output		
Voltage	5.00VDC ±5%	
Power	5.00W cont.	
Current	1.00A max.	
Protection	Over current, short circuit	
Environmental		
Temperature	Operation: 0°C to 40°C	Storage: -20°C to 80°C
Humidity	10% to 90% r.H., non-condensing	5% to 95% r.H., non-condensing
Altitude	< 2000m	< 2000m
General		
Efficiency	California's Energy Efficiency Level VI	
Line / Load regulation	±1% / ± 5%	
Ripple & Noise	200.00mV (p-p)	
Power Supply Mechanical Details		
Standard output connector	Micro USB	
Housing dimensions (LxWxH)	43.55 x 40.90 x 45.30mm for US/CA/MX/JP 43.55 x 40.90 x 60.20mm for EU/RU 43.55 x 40.90 x 37.40mm for UK 43.55 x 40.90 x 60.20mm for KR 43.55 x 40.90 x 49.00mm for AU 43.55 x 40.90 x 45.50mm for CN 54.8 x 29.5 x 44.9mm for Multi Wall-Mount Plug Version (EU, USA, AUS and UK)	
Weight	70g max.	
Cable length	1.00m	
Regulatory Approvals		
Approvals	Europe International USA & Canada Mexico Australia & New Zealand Korea China Japan Russia (Customs Union)	CE CB cULus / cETLus NOM RCM / SAA KC CCC PSE EAC

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