

RRC-SCC1130

Standard battery charger

P/N:

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

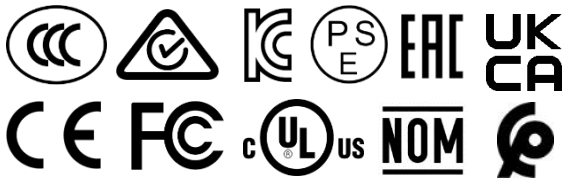
110057 (EU Version for EU, RU)

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	4.35VDC
Current	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		
	Operation:	Storage:
Ambient Temperature	0°C to 40°C	-20°C to 80°C
Pressure & Altitude	1060hPa to 795hPa -382m to 2000m	1060hPa to 572hPa -382m to 4570m
Humidity (non-condensing)	10% to 90% r.H.	5% to 95% r.H.

General	
Indicator	Multi-color LED (green, red, orange)
Battery types	Standard battery RRC1130
Green procurement	RoHS 2011/65/EU, 2015/863/EU REACH 1907/2006 WEEE 2012/19/EU Chinese RoHS
Cooling	convection cooled

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 RF 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																						
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																						
Weight	70g max.																						
Cable length	1000mm																						
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Approvals	<table border="0"> <tr> <td>Europe</td> <td>CE</td> </tr> <tr> <td>International</td> <td>CB</td> </tr> <tr> <td>USA & Canada</td> <td>cULus / cETLus</td> </tr> <tr> <td>Mexico</td> <td>NOM</td> </tr> <tr> <td>Australia & New Zealand</td> <td>RCM / SAA</td> </tr> <tr> <td>Russia</td> <td>EAC</td> </tr> <tr> <td>Korea</td> <td>KC</td> </tr> <tr> <td>China</td> <td>CCC</td> </tr> <tr> <td>Japan</td> <td>PSE</td> </tr> <tr> <td>United Kingdom</td> <td>UKCA</td> </tr> <tr> <td>Morocco</td> <td>CMIM</td> </tr> </table>	Europe	CE	International	CB	USA & Canada	cULus / cETLus	Mexico	NOM	Australia & New Zealand	RCM / SAA	Russia	EAC	Korea	KC	China	CCC	Japan	PSE	United Kingdom	UKCA	Morocco	CMIM
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