

## RRC-SCC1120

### Standard battery charger

P/N:

110037 (US Version for US, CA, MX, JP)

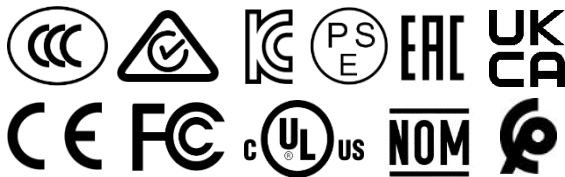
110056 (EU Version for EU, RU)

110065 (UK Version)

110066 (AU Version for AU, NZ)

110067 (KC Version for KR)

110068 (CC Version for CN)



### Features

- 5.00W single bay charger
- For the standard battery pack RRC1120
- Optimized charging process enables longer cycle life for RRC battery
- 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

Input	
Voltage	5.00V nom.
Current	1.00A nom.
Power	5.00W

Output	
Voltage	4.20VDC
Current	1.00A max.
Voltage tolerance	±2% max.
Current tolerance	±10% max. @1.00A
Protection	Short circuit, Battery over/under temperature, Charger over temperature

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)	5% to 95% r.H.	

General	
Indicator	Multi-color LED (green, red, orange)
Battery types	Standard battery RRC1120
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 light	No battery inserted Battery over/under temperature error Charger over temperature error Input voltage too low

Charger Mechanical Details	
Housing dimensions (LxWxH)	39.80 x 76.30 x 15.00mm
Weight	15.60g (excluding power supply)

Safety & EMC	In combination with included external AC/DC power supply	
Regulatory approvals	Europe	EN 62368-1 (CE)
	International	IEC 62368-1 (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 $\pm 10\%$ , 50-60Hz
Current	0.30A max.
Stand by power	No load < 0.10W
Output	
Voltage	5.00VDC $\pm 5\%$
Power	5.00W cont.
Current	1.00A max.
Protection	Over current, short circuit
General	
Efficiency	California's Energy Efficiency Level VI
Line / Load regulation	$\pm 1\%$ / $\pm 5\%$
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
Regulatory Approvals	
Approvals	<div>                     Europe                      International                      USA &amp; Canada                      Mexico                      Australia &amp; New Zealand                      Russia                      Korea                      China                      Japan                      United Kingdom                      Morocco                 </div> <div>                     CE                      CB                      cULus / cETLus                      NOM                      RCM / SAA                      EAC                      KC                      CCC                      PSE                      UKCA                      CMIM                 </div>

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