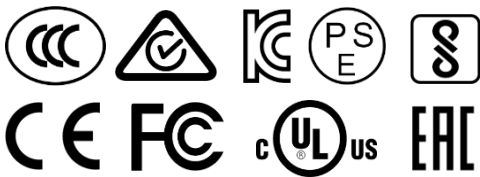


RRC-SCC1120

Standard battery Charger

P/N: 110001



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 max.	1.00A
Voltage tolerance	±1% max.
Current tolerance	±10% max. @1.00A
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	Standard battery RRC1120
Green procurement	RoHS 2011/65/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)	40.60 x 76.00 x 12.60mm
Weight	15g (excluding power supply)

Safety & EMC	In combination with included external AC/DC power supply	
Regulatory approvals	Europe	CE
Electromagnetic Emissions	Europe	EN55011, 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 power supply AC/DC

Input		
Voltage range	100.00 – 240.00VAC	
Current	0.30A max.	
Stand by power	No load < 0.10W @ 230.00VAC	
Output		
Voltage range	5.00VDC	
Power	5.00W max.	
Current range	1.00A	
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	200.00mV (p-p)	
Power Supply Mechanical Details		
Standard output connector	Micro USB	
Housing dimensions (LxWxH)	71.00 x 60.00 x 26.50mm for UK 60.00 x 26.00 x 40.00mm for EU 60.00 x 26.00 x 40.00mm for KR 60.30 x 41.50 x 66.30mm for AUS 60.00 x 25.20 x 40.00mm for USA/CAN/JP 68.00 x 30.00 x 35.00mm for CN 54.80 x 29.50 x 44.90mm for Multi Wall-Mount Plug Version (EU, USA, AUS and UK)	
Weight	70g max.	
Regulatory Approvals		
Approvals	Europe International USA & Canada Australia & New Zealand Russia (Customs Union) Korea China Japan India	CE CB cULus / cETLus RCM / SAA EAC KC CCC PSE BIS

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