



PRODUCT DATA

Parameter	Value
Model	SC1 Plus
Manufacturer	XTAR
Input	USB-C (DC 5V/3A max)
USB Output	5V/2A (USB-A only)
Number of Channels	1
Charging Current (Li-Ion)	3A max
Charging Current (Ni-MH)	2A max
End-of-Charge Voltage (Li-Ion)	4.20V $\pm$ 0.05V
End-of-Charge Voltage (Ni-MH)	1.45V $\pm$ 0.1V
End-of-Charge Current	$\leq$ 160mA
Max Power Bank Output	10W
Operating Temperature : 0	40°C
Compatible Li-Ion Batteries : 3.6V/3.7V	18650, 18700, 20700, 21700, 22650, 25500, 26650, 26800 (protected and unprotected)
Compatible Ni-MH Batteries : 1.2V	D cell size only
Min Supported Battery Length	57mm
Max Supported Battery Length	90.9mm
Charging Method	3-Stage TC/CC/CV
0V Battery Recovery	Yes
Power Bank Function	Yes (not available simultaneously while charging battery)
Passthrough Charging	Yes (charges USB device from power supply while battery is also charging)
LED Indicator : Yes (4 LEDs)	25% per bar
Battery Strap	Yes (adjustable rubber/silicone strap)
Recommended Adapter	QC3.0 / PD 20W or above (for max 3A charging)
Housing Material	Fire-resistant plastic
Dimensions	125 x 38 x 33 mm
Weight	47g (without battery)
Warranty	12 months
Protections	Over-current, over-charge, over-voltage, short circuit, reverse polarity, overheating
In the Box	SC1 Plus charger, USB-C cable, rubber strap, user manual

