



PRODUCT DATA

Parameter	Value
Model	VC2SL
Manufacturer	XTAR
Input	USB-C (5V/2.1A)
USB Output	DC 5V/1A (USB-A)
Number of Channels	2
Charging Current (1 battery)	2A
Charging Current (2 batteries)	1A per channel
Charging Current (low mode)	0.5A per channel
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	$\leq$ 150mA
Operating Temperature : 0	40°C
Compatible Li-Ion Batteries : 3.6V/3.7V Li-Ion/IMR/INR/ICR	10440, 14500, 14650, 16340, 17335, 17500, 17670, 18350, 18490, 18500, 18650, 18700, 20700, 21700, 22650, 25500, 26650, 32650 (including protected 20700 and 21700)
Compatible Ni-MH/Ni-CD Batteries : 1.2V	AAAA, AAA, AA, A, SC, C, D
Note	Only 1 x 26650 or 32650 can be charged at a time
Charging Method	3-Stage TC/CC/CV with Soft Start
0V Battery Recovery	Yes
Display	LCD (shows voltage, charging current, charged capacity, internal resistance)
Display Button	Yes (cycles between CAP / CCR / IR views)
Internal Resistance Testing	Yes (auto-tested on battery insertion)
Power Bank Function	Yes (Li-Ion only, not Ni-MH)
Passthrough Charging : Yes (Power Path Management)	charges USB device directly from power supply)
Upgrade From	VC2S
Protections	Over-current, over-charge, over-voltage, short circuit, overheating, non-rechargeable battery detection
Certifications	RoHS, CE, FCC
In the Box	VC2SL charger, USB-A to USB-C cable, user manual

