



PRODUCT DATA

Parameter	Value
Model	VC4
Manufacturer	XTAR
Input	DC 5V/2.1A (USB)
Number of Channels	4
Charging Current (CH1 & CH4)	outer slots) : 1A max each
Charging Current (CH2 & CH3)	inner slots) : 0.5A max each
Charging Current (all 4 slots in use)	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 (0.5A mode)	$\leq$ 60mA
End-of-Charge Current (1A mode)	$\leq$ 100mA
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, 32650
Compatible Ni-MH/Ni-CD Batteries : 1.2V	AAAA, AAA, AA, A, SC, C, D
Note	Cannot charge protected 20700/21700 batteries (too long)
Note	Max two 32650 batteries at once (CH1 & CH4 only); max two 18650 in inner slots (CH2 & CH3)
Charging Method	3-Stage TC/CC/CV with Soft Start
0V Battery Recovery	Yes
Display	Tachometer-style LCD (shows voltage, charging current, charged capacity, cell type per channel)
Display Backlight	Yes (auto-dims; button to restore or turn off)
Button	Yes (selects display channels and adjusts current on CH1/CH4)
Power Bank Function	No
Internal Resistance Testing	No
Housing Material	Fire-resistant PC
Dimensions	149 x 115 x 35 mm
Weight	210g
Protections	Over-current, over-charge, over-voltage, short circuit, reverse polarity, overheating, temperature rise limit (max 15°C rise)
In the Box	VC4 charger, USB cable, hop-pocket pouch, user manual

