



Safer Vaping

Technical Specifications

Energig EC-3101

Professional Universal Charger
for Li-ion / Ni-Mh / Ni-CD Batteries



Main characteristics

- Charging and discharging of NiCd, NiMH or 3.6V - 3.7V Lithium ion batteries.
- Optimizing and determining the maximal capacity of the batteries
- Each battery slot has its own display to show the charging current, battery voltage, capacity, internal resistance and charging time.
- The charging current is selectable for each slot individually and can be selected from 200mA, 300mA, 500mA, 700mA and 1000mA (and when only slots 1 and 4 are being used, also 1500mA and 2000mA).
- Discharging current for NiMH/NiCd batteries is 700mA, even if 1000mA is selected.
- Discharging current for Li-ion batteries is 200mA, 300mA, 500mA, 700mA or 1000mA
- 4 smart charging slots, that function independently from each other.
- Charges simultaneously different batteries of different type, size and capacity.
- Trickle charging of NiMH / NiCd batteries. With Li-ion batteries charging will time-phased.
- Temperature monitoring with automatic fans, to protect the charger and the batteries from overheating.

Operation Voltage	12V DC	
Power Adapter	Input	100~240V~, 50/60Hz
	Output	12V DC, 3.0A
Selectable Charging Currents (mA)	200, 300, 500, 700, 1000, 1500, 2000	
Selectable Discharging Currents (mA)	200, 300, 500, 700 and 1000 (only li-ion)	
Maximal Capacity (mAh)	20,000	
Operating Temperature	0 - 40 °C	
Voltage Deviation	< 0.03V @ 4.2V	
Current Power Deviation	< 5%	

Compatibility

Compatible with a wide range of battery types and sizes:

3.6V - 3.7V Li-ion / IMR / INR / ICR batteries in formats: 10440, 14500, 14650, 16340, 17335, 17500, 17670, 18350, 18490, 18500, 18650, 18700, 20700, 21700, 22650, 25500, 26650, 32650

Ni-MH / Ni-CD batteries in formats: AAA, AA, A, SC, C