

ECD 500Wh

ENERGYCASE



Technical features

- Lightweight portable power unit for DC or AC applications .
- Advanced Lithium-Ion technology supplying 500Wh.
- Includes one Power Socket of 24V DC, two CLA 12V Cigarette Light Sockets and one dual 5V DC USB ports.
- Protective carrying case designed to cut weight without compromising durability.
- Illuminated LCD Display for remaining capacity readout.
- Short-circuit and overload protection.

**ENERGY SOLUTIONS
FOR A WORLD
IN MOTION**

Dantech's vision is to give us all the freedom to enjoy available, continuous energy without interruption. To enable each and every one of us to **simply live, in every way, everywhere and anytime, with no stops.**

Li-Ion

Built with Li-Ion battery cells

Lithium Ion batteries are the future of sustainable energy storage.

Built to last, Lithium Ion Batteries have a life span of up to 10X times longer than traditional lead batteries. Weighing up to 70% less and significantly reduce the weight of our products.



Customized to your needs

Most common outputs for external voltage of 5V, 12V and 24V.

Designed to operate with a wide-range of applications of portable products such as remote area lighting, DC tools, DC pumps, portable computers, tablets and mobile phones.



Perfect support team

Our team can support you to customize your EnergyCase to your needs.

Any type of special voltage output ports, special attachment cables or unique design of the carrying case can be considered and implemented within a short response time.

Technical Data

Model	ECD 500Wh
Battery type	Li-Ion 25.2V - 20Ah
Battery chemistry	Li-Ion
Battery capacity	20.1Ah (506Wh)
Charging Voltage	29.4V
Charging current	< 7 A
Power Socket 1 - Output Voltage/Current	25.2 VDC (20 - 29 VDC) / 15 A continues
CLA Sockets 2 & 3 - Output Voltage/Current	12 VDC (11.8 - 13.5 VDC) / 10A/120W (Total Power)
Dual USB Socket 4 - Output Voltage/Current	5.2 VDC / 2.1A/1A
Operating temperature	-20°C~50°C
Self-discharge rate per month (OFF mode)	< 3%
Operating mode self-consumption (ON mode)	3.5W
Product Weight	3.4Kg
Product dimensions in mm	230x100x280 (HxWxL)
Capacity Meter	Illuminated LCD display
Supplied Charger	AC Input: 100 VAC - 240 VAC / 47 Hz - 63 Hz / 100W DC Output: 29.4V / 3A
Optional Charger	AC Input: 100 VAC - 240 VAC / 47 Hz - 63 Hz / 100W DC Output: 29.4V / 7A



400W True Sine Wave DC-AC Power Inverter (optional)

For professional outdoor use, we offer pure sinewave type of inverter:

- Continues Power: 460W for 180 sec./600W for 10 sec./ surge power 800W for 30 cycles (typ.)
- Output Voltage: 200/220/230/240VAC selectable by setting button S.W
- Model: Mean Well TS-400-224