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MegaEdge

Portable Table Mount Power Station



MegaEdge is a portable power station that delivers all-day power for mobile devices. Easily attach the unit to a stationary desk, rolling work surface or podium, giving your students and staff the freedom and flexibility required in today's modern BYOD classroom.

Powered by high capacity 80,000mAh lithium batteries and featuring AC, USB and USB-C outlets, MegaEdge expertly answers the power issue posed by the multitude of mobile devices in modern learning environments.

NOTE: This product is not suitable for devices that use a power cable with a 3-pin plug

FEATURES

Maximizes Learning Freedom & Flexibility - Provides power anywhere

Safe and Reliable - Features intelligent microprocessor control. Protection against over current, short circuit, and over-charging. Automatic shutdown for electronic overload and overheating

Power Management - Battery capacity percentage indicator and low battery voltage shutdown

Power Saving - Automatic idle shutdown

Theft Prevention - Special security screws provided

Power Any Mobile Device or Laptop - Approximate charging capacity: for smartphone 35 times, for tablet 10 times, for laptop 3-4 times



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TECHNICAL SPECIFICATIONS

Ports	<p>2 2-pin AC Power Sockets: On a 5A/125V Power Socket</p> <p>NOTE This product is not suitable for devices that use a power cable with a 3-pin plug</p> <p>2 USB Type A: On a female USB type A connector</p> <p>1 USB Type C: On a female USB type C connector</p>
User Interface	<p>Controls: 1 Power button (also used to toggle AC power On/Off)</p> <p>Indicators: Power and AC LEDs</p>
Power	<p>AC Adapter Input: AC 100V–240V, 50/60Hz 2.0 A</p> <p>AC Adapter Output: DC 24V /2A</p> <p>Consumption: AC 100V–240V, 50/60Hz</p> <p>AC Output Voltage (Nominal): MegaEdge–US: 120V, MegaEdge–WW: 240V</p> <p>Continuous AC Output Power: 200W</p> <p>Maximum AC Output Power: 250W</p> <p>AC Output Frequency: MegaEdge–US: 60Hz, MegaEdge–WW: 50Hz</p> <p>AC Output Waveform: Modified sine wave</p> <p>Dual USB Output: Voltage: 5V Current – Max. 3.4 A</p> <p>TYPE-C Output: Voltage: 5V Current – Max. 3.1 A</p> <p>Battery Type: SANYO (Panasonic) Lithium-ion Battery NCR18650BF 3350mAh*24</p> <p>Battery Drain: No load: 1.1h , 100W : >1.8h, DC Load: 3.0A Time : >14.3h , 2.0A : >22.2h</p> <p>Battery Rated Capacity: 3200mAh 0.64A discharge at 20°C (68°F)</p> <p>Battery Capacity (Minimum): 3250mAh 0.65A discharge at 25°C (77°F)</p> <p>Battery Capacity (Typical): 3350mAh (Reference only)</p> <p>Battery Normal Voltage: 3.6V (0.65A discharge)</p> <p>Battery Discharging End Voltage: 2.5V</p> <p>Battery Charging Current (Std.): 1.625A</p> <p>Battery Charging Voltage: 4.20 +0.03V</p> <p>Battery Continuous Discharge Current (Max.): 4.875A 0°C ~ +40°C (32°F to 104°F)</p> <p>Battery Internal Resistance: less than 100mΩ (AC impedance 1kHz)</p> <p>Battery Charging Time: 8h</p>
Environmental Conditions	<p>Operating Temperature: 0° C to +25°C (32°F to 77°F)</p> <p>Storage Temperature: –10°C to +60°C (14°F to 140°F)</p> <p>Humidity: 10% to 90%, RHL non-condensing</p>

Regulatory
Compliance
(Standards
Compliance)

Safety: CE

Enclosure

Type: Aluminum, Steel

Cooling: Fan Ventilation

Accessories

Included: 1 Torx bit (1/4" T20 25mm), 2 T20 Torx screws, 4 4x1/2" screws

Product Dimensions

27.50cm x 25.40cm x 18.20cm (10.83" x 10.00" x 7.17") W, D, H

Product Weight

4.6kg (10.1lbs) approx

Shipping Dimensions

44.50cm x 36.80cm x 28.30cm (17.52" x 14.49" x 11.14") W, D, H

Shipping Weight

6.8kg (15.0lbs) approx



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CONFIGURATIONS

MegaEdge-US	Portable table mount power station with 120V AC output
MegaEdge-WW	Portable table mount power station with 240V AC output
