



MegaEdge

Portable Table Mount Power Station

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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

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



TECHNICAL SPECIFICATIONS

Ports	2 AC Power Sockets: On a 5A/125V Power Socket 2 USB Type A: On a female USB type A connector 1 USB Type C: On a female USB type C connector
PHYSICAL	Retractable Power Cord Reel Up to 5m (15ft) MegaEdge-US 110V AC power cord reel MegaEdge-WW 220V AC power cord reel 4M + EU (German) plug
User Interface	Controls: 1 Power button (also used to toggle AC power On/Off) Indicators: Power and AC LEDs
Power	AC Adapter Input: AC 100V–240V, 50/60Hz 2.0 A AC Adapter Output: DC 24V /2A Consumption: AC 100V–240V, 50/60Hz AC Output Voltage (Nominal): MegaEdge–US: 120V, MegaEdge–WW: 240V Continuous AC Output Power: 200W Maximum AC Output Power: 250W AC Output Frequency: MegaEdge–US: 60Hz, MegaEdge–WW: 50Hz AC Output Waveform: Modified sine wave Dual USB Output: Voltage: 5V Current – Max. 3.4 A TYPE-C Output: Voltage: 5V Current – Max. 3.1 A Battery Type: SANYO (Panasonic) Lithium-ion Battery NCR18650BF 3350mAh*24 Battery Drain: No load: 1.1h , 100W : >1.8h, DC Load: 3.0A Time : >14.3h , 2.0A : >22.2h Battery Rated Capacity: 3200mAh 0.64A discharge at 20°C (68°F) Battery Capacity (Minimum): 3250mAh 0.65A discharge at 25°C (77°F) Battery Capacity (Typical): 3350mAh (Reference only) Battery Normal Voltage: 3.6V (0.65A discharge) Battery Discharging End Voltage: 2.5V Battery Charging Current (Std.): 1.625A Battery Charging Voltage: 4.20 +0.03V Battery Continuous Discharge Current (Max.): 4.875A 0°C ~ +40°C (32°F to 104°F) Battery Internal Resistance: less than 100mΩ (AC impedance 1kHz) Battery Charging Time: 8h
Environmental Conditions	Operating Temperature: 0° C to +35°C (32°F to 95°F) Storage Temperature: –10°C to +60°C (14°F to 140°F) Humidity: 10% to 90%, RHL non-condensing
Regulatory	Safety: CE

Compliance
(Standards
Compliance)

Enclosure

Type: Aluminum, Steel

Cooling: Fan Ventilation

Accessories

Included: 1 Retractable AC Power Cord Reel 5m (15ft), 1 Torx bit (1/4" T20 25mm), 2 T20 Torx screws, 4 4x1/2" screws



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CONFIGURATIONS

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