

## Epic PWRgate 12V Backup Power System by West Mountain



Price: CAD \$309.00

**SKU:** EPIC-PWRGATE

**Product Categories:** [Disconnects](#), [HAM Radio](#), [In The Field](#), [Pre-Wired Power Panels](#), [Shop](#), [Wiring & BOS](#), [Wiring Panels](#)

**Product Tags:** [back-up](#), [canada](#), [epic pwrgate](#), [epic pwrgate canada](#), [Power Supply](#), [pwrgate](#), [radio](#), [switch](#), [west mountain](#), [west mountain radio](#)

**Product Page:**

<https://www.modernoutpost.com/product/epic-pwrgate-12v-backup-power-system-by-west-mountain/>

### Product Variants

- Epic PWRgate 12V Backup Power System by West Mountain - Epic-H PWRgate ()
- Epic PWRgate 12V Backup Power System by West Mountain - Epic PWRgate ()

## Product Summary

The Epic PWRgate 12V Backup Power System by West Mountain. West Mountain Radio's 3rd generation power gate product. A true solid state 40A backup power system. Connected loads will instantly switch to battery during an outage or power supply failure. Charges Gel, AGM and Lithium battery types. Optional direct solar input for battery charging.

## Product Description

The Epic PWRgate and Epic-H PWRgate is West Mountain Radio's 3rd generation power gate 12V Backup Power System. A true solid state 40A backup power system. Connected loads will instantly switch to battery during an outage or power supply failure. Charges Gel, AGM and Lithium battery types. Optional direct solar input for battery charging.

- Epic PWRgate is a 12 volt backup power system rated at 40 amperes continuous from either a Power Supply or a Battery. - Connected equipment will instantly switch to battery during a power blackout or power supply failure.
- Low loss PWRgate provides forward voltage drop of only 0.05 volts. - USB port access to monitor system or to change charge parameters. - Program for specific battery types. - Supports smart charging of either Lead Acid or Li-Ion battery charging up to 10A. - Optional direct solar panel input for battery charging (all chemistries). Solar panel VOC must be  $\leq 30V$ . - Can be programmed for vehicle use to suspend charging when the alternator is off. - Complete LED status indicators. - Battery charge suspend button to eliminate current draw or charger noise for 30 minutes. - Optional temperature probe to control charging based on battery temperature. - Solid, durable construction in an aluminum case. Includes mounting holes for convenient and secure use in

mobile units. - Uses Anderson Powerpole connectors. - Includes: Epic PWRgate Unit, USB-micro Cable, (4) Retention Clips, Owners Manual, Reference Card - Maximum Voltage: Power Supply: 16V / Solar: 30V - Maximum Current: 40 Amperes - Recommended Solar Maximum: 150W (36-cell, 18V panel) - Voltage Drop: 0.05VDC - Connectors: Anderson Powerpole, 40A - Connector Configuration: Horizontal Mounted (allows for better cable management) - Size: 4.5 x 3.375 x 1.25 in - Weight: 0.35 lbs - Mounting Holes: Four - 0.175 d, #8 hardware

### Epic PWRgate Specifications

Maximum Voltage: Power Supply 16V / Solar 30V

Maximum Current: 40 Amperes

Maximum Charge Current: 10A

Voltage Drop: 0.05VDC

Connectors: Anderson Powerpole®, 45A

Size: 4.5 x 3.375 x 1.25 in

Weight: 0.35 lbs

Mounting Holes: Four - 0.175 d, #8 hardware

### **Charging Circuit:**

Jumper : Lead Acid / AGM / LiFePO4

Charge Voltage : 13.85V / 14.4V / 14.5V

Charge Current : 1, 5 or 10A / 1, 5, 10A / 1, 5, 10A

Stop Charge Current : 0.25A / 0.25A / 0.5A

Trickle Charge : 0.15A / 0.15A / 0A

Recharge Voltage : 12.1V 12.1V 12.6V

Max Charge Time : 25 hrs / 25 hrs / 25 hrs

Retry Time : 4 hrs / 4 hrs / 4 hrs

Chemistry : Lead Acid / AGM / LiFePO4

Min PS Volts : 13.9V / 14.45V / 14.45V

Lowest Temp (F) : 0 / 0 / 35

Highest Temp (F) : 120 / 120 / 110

Use Temp for Charge : Yes / Yes / No

\*Note: The above parameters may also be changed via the USB interface.

The Epic-H PWRgate

Same features and performance as the Epic PWRgate, but with Anderson PowerPole connectors in a horizontal orientation.

## Product Attributes

- Dimensions: 1 &times; 1 &times; 1 cm
- Weight: .9 kg
- Model: Epic PWRgate, Epic-H PWRgate

## Product Gallery

