

## OFFER COMFORT AND LIGHT IN THE STORM



Storm Kit



Storm Kit with Outdoor Enclosure

### MAGNUM ENERGY STORM KITS™

*Kits to add Battery Backup Power to a Home, Bringing Peace of Mind When the Power Goes Out*

Magnum Energy Storm Kits from Sensata Technologies provide everything but the subpanel and batteries to add battery backup, ensuring a home has power during storm season, while still giving you options.

#### Battery Choice

Pick the batteries that make the most sense for your area. You're not limited by battery chemistry with Magnum Energy.

#### Lightweight, Easy Install Design

Storm Kits offer an easy-to-install design, making it reasonable for a single solar contractor to install a system.

#### Maximum Energy Harvest

The kit includes an MPPT PT-100 Charge Controller, which harvests the maximum available energy from the PV array for optimal battery charging.

#### Indoor or Outdoor Installation

Storm Kits have options for installing a panel indoors, or outdoors in a NEMA 3R-rated weather resistant, protective enclosure.

#### Options

Choose from 4000 or 4400 watt AC output and 24 or 48 VDC battery input, creating the system that best suits your needs.

#### Proven Technology

Magnum Energy Storm Kits are built with proven technology, known to work in even the harshest environments, which provides peace-of-mind when the wind starts blowing.

#### AVAILABLE INDOOR KITS

- 4400W, 48V Storm Kit
- 4000W, 24V Storm Kit

#### AVAILABLE OUTDOOR KITS

- 4400W, 48V Storm Kit
- 4000W, 24V Storm Kit

## STORM KITS FOR INDOOR INSTALLATIONS

	4400W, 48V STORM KIT (SKI-48)	4000W, 24V STORM KIT (SKI-24)
<b>INCLUDED</b>		
Inverter/Charger	MS4448PAE Inverter/Charger: 4400W, 48V parallel inverter, 60 amp PFC charger, 120/240V input/output	MS4024PAE Inverter/Charger: 4000W, 24V parallel inverter, 105 amp PFC charger, 120/240V input/output
Charge Controller	PT-100 Charge Controller: 100 amp, MPPT charge controller with integrated AFCI and GFDI	PT-100 Charge Controller: 100 amp, MPPT charge controller with integrated AFCI and GFDI
Panel	MMP175-30D Panel: Mini Magnum Panel with 175 amp DC breaker and 30 amp dual pole AC input breaker/bypass assembly	MMP250-30D Panel: Mini Magnum Panel with 250 amp DC breaker and 30 amp dual pole AC input breaker/bypass assembly
Backplate	Backplate for one MMP Panel	Backplate for one MMP Panel
Remote Control	ME-ARC50 Remote: Advanced remote control with digital LCD display and 50' cable	ME-ARC50 Remote: Advanced remote control with digital LCD display and 50' cable
Battery Monitor Kit	ME-BMK-NS: Battery monitoring kit	ME-BMK-NS: Battery monitoring kit
Battery Breaker	BR-DC100-DIN: 100 amp DIN rail DC battery breaker	BR-DC100-DIN: 100 amp DIN rail DC battery breaker
PV Breaker	BR-PV50-DIN: 50 amp DIN rail PV breaker	BR-PV50-DIN: 50 amp DIN rail PV breaker
<b>GENERAL FEATURES</b>		
Warranty	Five years, limited warranty	
Listings	MS-PAE & PT-100: ETL Listed to UL/cUL 1741 and CSA STD C22.2 No.107.1-01, CE	
<b>ENVIRONMENTAL SPECIFICATIONS</b>		
Ambient temperature range	-4 °F to 140 °F (-20 °C to 60 °C)	
<b>PHYSICAL SPECIFICATIONS</b>		
Dimensions (HxWxD)	38.0" x 25.5" x 13.0" (96.5 cm x 64.8 cm x 33.0 cm) as installed	
Shipping Weight	126 lbs (57.2 kg) + pallet	

## STORM KITS FOR OUTDOOR INSTALLATIONS

	4400W, 48V STORM KIT (SKO-48)	4000W, 24V STORM KIT (SKO-24)
<b>INCLUDED</b>		
Inverter/Charger	MS4448PAE Inverter/Charger: 4400W, 48V parallel inverter, 60 amp PFC charger, 120/240V input/output	MS4024PAE Inverter/Charger: 4000W, 24V parallel inverter, 105 amp PFC charger, 120/240V input/output
Charge Controller	PT-100 Charge Controller: 100 amp, MPPT charge controller with integrated AFCI and GFDI	PT-100 Charge Controller: 100 amp, MPPT charge controller with integrated AFCI and GFDI
Panel	MMP175-30D Panel: Mini Magnum Panel with 175 amp DC breaker and 30 amp dual pole AC input breaker/bypass assembly	MMP250-30D Panel: Mini Magnum Panel with 250 amp DC breaker and 30 amp dual pole AC input breaker/bypass assembly
Enclosure	ME-ODE Outdoor Enclosure: NEMA 3R-rated outdoor enclosure to house MMP, MS-PAE, and charge controller	ME-ODE Outdoor Enclosure: NEMA 3R-rated outdoor enclosure to house MMP, MS-PAE, and charge controller
Remote Control	ME-ARC50 Remote: Advanced remote control with digital LCD display and 50' cable	ME-ARC50 Remote: Advanced remote control with digital LCD display and 50' cable
Battery Monitor Kit	ME-BMK-NS: Battery monitoring kit	ME-BMK-NS: Battery monitoring kit
Battery Breaker	BR-DC100-DIN: 100 amp DIN rail DC battery breaker	BR-DC100-DIN: 100 amp DIN rail DC battery breaker
PV Breaker	BR-PV50-DIN: 50 amp DIN rail PV breaker	BR-PV50-DIN: 50 amp DIN rail PV breaker
<b>GENERAL FEATURES</b>		
Warranty	Five years, limited warranty	
Listings	MS-PAE & PT-100: ETL Listed to UL/cUL 1741 and CSA STD C22.2 No.107.1-01, CE	
<b>ENVIRONMENTAL SPECIFICATIONS</b>		
Ambient temperature range	-4 °F to 140 °F (-20 °C to 60 °C)	
Enclosure environmental rating	Outdoor NEMA 3R Rated	
<b>PHYSICAL SPECIFICATIONS</b>		
Dimension (HxWxD)	39.3" x 31.5" x 13.0" (99.7 cm x 85.1 cm x 33.0 cm) as installed	
Shipping Weight	191 lbs (86.6 kg) + two pallets	



### OFFICES

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