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 harvest 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

Check **www.SensataPower.com/StormKits** to learn more.

STORM KITS FOR INDOOR INSTALLATIONS

	4400W, 48V STORM KIT (SKI-48)	4000W, 24V STORM KIT (SKI-24)
INCLUDED		
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
GENERAL FEATURES		
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	
ENVIRONMENTAL SPECIFICATIONS		
Ambient temperature range	-4 °F to 140 °F (-20 °C to 60 °C)	
PHYSICAL SPECIFICATIONS		
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)
INCLUDED		
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
GENERAL FEATURES		
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	
ENVIRONMENTAL SPECIFICATIONS		
Ambient temperature range	-4 °F to 140 °F (-20 °C to 60 °C)	
Enclosure environmental rating	Outdoor NEMA 3R Rated	
PHYSICAL SPECIFICATIONS		
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	

Sensata Technologies

The World Depends on Sensors and Controls

www.SensataPower.com

Testing for specifications at 25° C. Specifications subject to change without notice.