



CANDLELIGHT: Great for Setting a Mood. Not so Great for Work.

When the power goes out, know your family will have power and lights with Magnum Energy Storm Kits™.

Magnum Energy Storm Kits provide the connection your home needs to use battery power when your utility power goes out. By adding battery backup to your home's electrical system, you can be sure of power during storm season.

Magnum Energy Storm Kits:

Easy to maintain: You're busy. Maintenance won't eat into your free time.

Proven technology: For 15 years, Magnum Energy has been providing battery-based inverter systems. You won't have to worry about issues in the middle of a storm.

Provide maximum energy harvest from your solar array: Even in imperfect weather, you'll get the most you can from your solar panels.

Storm Kits Give You Choices:

Choose what you back up: When the power goes out, you don't need all of your electronics. Save money on a battery bank by only backing up what you need.

Installation location: With the outdoor enclosure, you can install the Storm Kit indoors or outdoors, depending on what works for you.

Battery type: Your contractor can recommend batteries that make the most sense in your area.



Storm Kit



Storm Kit with Outdoor Enclosure

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	

