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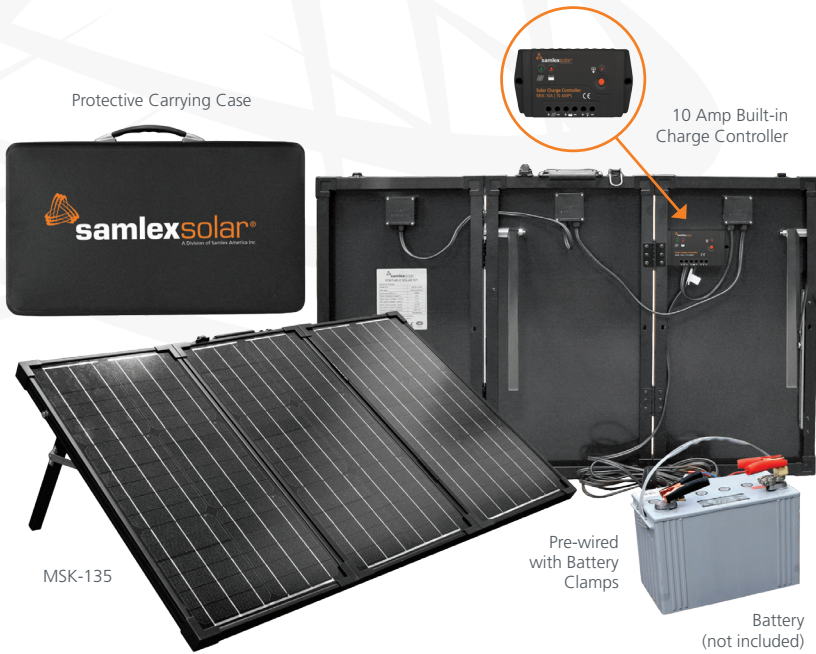
90-135W

Portable Charging Kits

Model
MSK-90
90 Watts
MSK-135
135 Watts

Design Features

- Solar panel is pre-wired with battery clamps for a quick and easy connection, 16' cable
- Turn the panel a few times per day and increase charging by 30%
- Adjustable legs allow for maximum sun exposure
- Folding crystalline panels in anodized aluminum frames, won't rust
- Built-in 10 Amp Charge Controller manages the charge to the battery and prevents overcharging
- For 12V Lead Acid Batteries
- Includes protective carrying case
- NOTE: Battery is not included



10 YEAR POWER WARRANTY on Solar Panels
2 YEAR LIMITED WARRANTY on Remaining Components

	MODEL NO.	MSK-135	MSK-90
SOLAR ARRAY	NOMINAL MAXIMUM POWER AT STC, Pmax	135W (3 x 45W Panels ± 3% in parallel)	90W (3 x 30W Panels ± 3% in parallel)
	MAXIMUM POWER VOLTAGE, Vmp	17.5V	17.5V
	MAXIMUM POWER CURRENT, Imp	7.71A (2.57A per 45W Panel)	5.13A (1.71A per 30W Panel)
	OPEN CIRCUIT VOLTAGE, Voc	21.6V	21.6V
	SHORT CIRCUIT CURRENT, Isc	8.34A (2.78A per 45W Panel)	5.55A (1.85A per 30W Panel)
	TYPE OF CELLS / SIZE	Monocrystalline	
	NUMBER OF CELLS	36 Cell per Panel	
	MAXIMUM SYSTEM VOLTAGE	1000 VDC	
	OPERATING TEMPERATURE	- 40°C to +85°C / - 40°F to +185°F	
	INGRESS PROTECTION (IP) RATING	Solar Panels: IP-65 ; Charge Controller: IP-30	
STANDARD TEST CONDITIONS (STC) FOR SOLAR MODULE	Irradiance Level: 1000W/m ² / Spectrum: AM1.5 / Cell Temperature: 25°C / 77°F		
OTHER COMPONENTS / PARAMETERS	CABLE SETS FOR BATTERY	Main Cable Set: 14ft cable pre-wired to Charge Controller. Battery end has 2-Pole, 50A Mating Type Battery Connector and 10A fuse. Adapter Set 1: 2-Pole, 50A Mating Type Battery Connector to Battery Clamps, 2ft Adapter Set 2: 2-Pole, 50A Mating Type Battery Connector to SAE Connector, 2ft	
	DIMENSIONS	OPEN	1515 x 620 x 30 mm / 59.65 x 24.41 x 1.18 in 1035 x 645 x 30 mm / 40.75 x 25.39 x 1.18 in
	WEIGHT		16.18 kg / 35.6 lb 11.45 kg / 25.2 lb

NOTE: Specifications are subject to change without notice.

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