



90 WATT PORTABLE SOLAR KIT MODEL: SG-90

SAMLEX PORTABLE SOLAR KIT COMES WITH 90 WATT FOLDING SOLAR PANELS, 250W POWER INVERTER, CHARGE CONTROLLER AND PROTECTIVE CARRY CASE.



UNLIMITED CLEAN & QUIET POWER GENERATION.

Samlex portable solar kits are so easy to use – just unfold and start charging your battery!

Your kit includes a 250W inverter that lets you power smart phones, laptops, tablets, lights, TV's, stereos & more – just like plugging into the wall at home!

- Perfect for your boat, truck, RV or ATV – keep your batteries charged & healthy, save on replacement costs
- Maintenance free and good for the environment
- Silent AC power generator
- Be Emergency Prepared – run lights, radios and televisions, operate small appliances in the event your power goes out
- Lightweight & compact
- Rugged commercial-grade construction
- Weather resistant, will not rust
- **5 YEAR WARRANTY (Solar Panel)**
- **1 YEAR WARRANTY (Remaining Components)**

SPECIFICATIONS

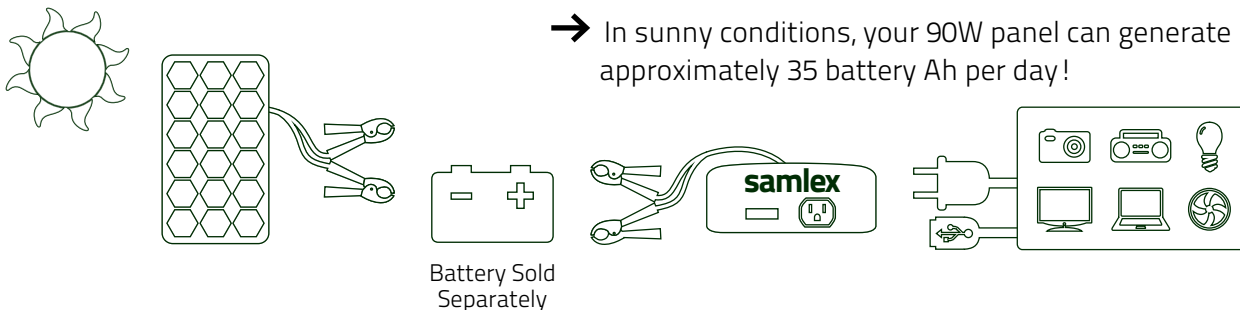
SOLAR PANELS	
BATTERY SYSTEM	12V Nominal
MAXIMUM POWER, P_{max}	90W (3 x 30W)
MAXIMUM POWER VOLTAGE, V_{mp}	17.5V
MAXIMUM POWER CURRENT, I_{mp}	5.13A (1.71A per 30W Panel)
OPEN CIRCUIT VOLTAGE, V_{oc}	21.6V
SHORT CIRCUIT CURRENT, I_{sc}	5.55A (1.85A per 30W Panel)
TYPE/NUMBER OF CELLS	Monocrystalline / 36 Cells per 30W Panel
CHARGE CONTROLLER (PRE-WIRED TO THE PANELS)	
MAXIMUM CHARGING CAPACITY	10A
TYPE OF CONTROLLER	PWM, Series Type
BATTERY TYPES	Lead Acid: Flooded/Sealed
MONITORING	3 LEDs
CABLE FOR BATTERY CONNECTION	16 ft. with Battery Clamps, Fuse 10A
DC-AC INVERTER (REQUIRES INSTALLATION)	
OUTPUT POWER	250W
OUTPUT VOLTAGE	115 VAC, 60 Hz
OUTPUT VOLTAGE WAVEFORM	Modified Sine Wave
DC INPUT VOLTAGE	12V Battery
CABLES	Cables with Battery Clamps, 3 ft. Cable with 12V Power Plug, 3 ft.

NOTE: Specifications are subject to change without notice

TIP:

Turn your panel throughout the day to follow the sun for optimal charging.

➔ In sunny conditions, your 90W panel can generate approximately 35 battery Ah per day!



Battery Sold Separately