



samlexsolar®

100-200W

Solar Charging Kits

Model

SRV-200-30A (200 Watts)

SRV-150-30A (150 Watts)

SRV-100-30A (100 Watts)

Design Features

- Available in 100, 150, and 200 Watts
- Industry-leading 30 Amp flush mount charge controller
- High-efficiency crystalline solar cells
- Low profile panel design
- All weather anodized aluminum and tempered glass construction
- Top quality cable & mounting hardware

200W



150W



100W



Every kit Includes:

1. High-efficiency polar panel
2. 30 Amp Charge Controller
3. Connecting wires
4. Mounting brackets & hardware

SOLAR PANEL SPECIFICATIONS: PARAMETER	SRV-200-30A	SRV-150-30A	SRV-100-30A
NOMINAL MAXIMUM POWER AT STC, Pmax	200W ± 3%	150W ± 3%	100W ± 3%
MAXIMUM POWER VOLTAGE, Vmp	18.98V	18.38V	17.8V
MAXIMUM POWER CURRENT, Imp	10.54A	8.16A	5.62A
OPEN CIRCUIT VOLTAGE, Voc	22.21V	22.68V	21.3V
SHORT CIRCUIT CURRENT, Isc	11.05A	8.82A	6.07A
MODULE EFFICIENCY	19.61%	15.42%	15.97%
TYPE OF CELLS	Monocrystalino	Polycrystalline	Monocrystalline
NO OF CELLS	64	36	36
MAXIMUM SYSTEM VOLTAGE	1500V	IEC-61215/61730 : 1000VDC	
SERIES FUSE RATING	15A	15A	10A
TERMINAL BOX	IP-65 with 2 Bypass Diodes; Cable 4mm ² with MC4 Compatible Connectors		
OPERATING TEMPERATURE	- 40°C to + 85°C / - 40°F to +185°F		
DIMENSIONS	680 x 1500 x 35 mm 25.98 x 58.03 x 1.37 in	660 x 1474 x 35.2 mm 26 x 58.03 x 1.39 in	552 x 1200 x 35.2 mm 21.73 x 47.25 x 1.39 in
WEIGHT	12 Kg / 26.4 lb	12 Kg / 26.4 lb	8 Kg / 17.63 lb
STC	Irradiance Level: 1000 W/M ² ; Spectrum: AM 1.5 Cell Temperature: 25°C / 77°F		
TEMPERATURE COEFFICIENT OF CURRENT, Isc	+ 0.065% / °C	+ 0.08% / °C	+ 0.05% / °C
TEMPERATURE COEFFICIENT OF VOLTAGE, Voc	- 0.35% / °C	- 0.34% / °C	- 0.33% / °C
TEMPERATURE COEFFICIENT OF POWER, Pmax	-0.5% / °C	-0.43% / °C	-0.23% / °C

NOTE: Specifications are subject to change without notice

Over ▶



samlexsolar®

100-200W

Solar Panel Kits

Model

SSP-200-KIT (200 Watts)

SSP-150-KIT (150 Watts)

SSP-100-KIT (100 Watts)

Design Features

- Available in 100, 150, and 200 Watts
- High-efficiency crystalline solar cells
- Low-profile panel design
- All weather anodized aluminum and tempered glass construction
- Top quality cable & mounting hardware
- Can be configured the way you want it, or as an expansion kit for an existing solar system*

200W



150W



100W



Every Kit Includes:

1. High-efficiency solar panel
2. Connecting wires
3. Mounting brackets & hardware

* SBC-2 Branch Connectors and SCW-20-2 for expansion sold separately.

SOLAR PANEL SPECIFICATIONS: PARAMETER	SSP-200-KIT	SSP-150-KIT	SSP-100-KIT
NOMINAL MAXIMUM POWER AT STC, Pmax	200W ± 3%	150W ± 3%	100W ± 3%
MAXIMUM POWER VOLTAGE, Vmp	18.98V	18.38V	17.8V
MAXIMUM POWER CURRENT, Imp	10.54A	8.16A	5.62A
OPEN CIRCUIT VOLTAGE, Voc	22.21V	22.68V	21.3V
SHORT CIRCUIT CURRENT, Isc	11.05A	8.82A	6.07A
MODULE EFFICIENCY	19.61%	15.42%	15.97%
TYPE OF CELLS	Monocrystalino	Polycrystalline	Monocrystalline
NO OF CELLS	64	36	36
MAXIMUM SYSTEM VOLTAGE	1500V	IEC-61215/61730 : 1000VDC	
SERIES FUSE RATING	15A	15A	10A
TERMINAL BOX	IP-65 with 2 Bypass Diodes; Cable 4mm ² with MC4 Compatible Connectors		
OPERATING TEMPERATURE	- 40°C to + 85°C / - 40°F to +185°F		
DIMENSIONS	680 x 1500 x 35 mm 25.98 x 58.03 x 1.37 in	660 x 1474 x 35.2 mm 26 x 58.03 x 1.39 in	552 x 1200 x 35.2 mm 21.73 x 47.25 x 1.39 in
WEIGHT	12 Kg / 26.4 lb	12 Kg / 26.4 lb	8 Kg / 17.63 lb
STC	Irradiance Level: 1000 W/M ² ; Spectrum: AM 1.5 Cell Temperature: 25°C / 77°F		
TEMPERATURE COEFFICIENT OF CURRENT, Isc	+ 0.065% / °C	+ 0.08% / °C	+ 0.05% / °C
TEMPERATURE COEFFICIENT OF VOLTAGE, Voc	- 0.35% / °C	- 0.34% / °C	- 0.33% / °C
TEMPERATURE COEFFICIENT OF POWER, Pmax	-0.5% / °C	-0.43% / °C	-0.23% / °C

NOTE: Specifications are subject to change without notice

12028-SRV-100-150-200-30A_SSP-200-150-100-KIT-1124