

ARMORCELL

FLEXIBLE SOLAR. UNMATCHED DURABILITY.

Peel-and-stick thin-film solar panels built for durability and reliable output in demanding conditions. Power your next adventure



SELF-ADHESIVE SOLAR KITS

Adventure ON. Keep your batteries and onboard power systems performing at peak level using durable ARMORCELL solar. Panels bond directly to the roof and hide away: no rails, no bulk, no down time.

EVERY KIT INCLUDES

Self-adhesive ARMORCELL solar panel	Victron SmartSolar MPPT controller	Sealed wire roof covers
Circuit breaker	Installation accessories	5-year warranty

WATTS	SKU	KIT	PANEL SIZE
38_W	SK38-ACV	Battery Maintenance Kit Start your rig every time. Keeps on-board batteries charged, conditioned, and ready while operating, docked, parked, or stored.	13.7" x 34.2"
80_W	SK80-ACV	Solar Charging Kit Everyday solar charging. Holds battery state of charge and runs accessories during use or between trips.	13.7" x 67.3"
80_W	SK80Q-ACV	Solar Charging Kit – Square Format Same 80W performance in a square footprint, for roofs that are wide rather than long.	26.0" x 34.6"
160_W	SK160-ACV	Solar Charging Kit Serious output for extended off-grid use — electronics, lighting, appliances, and accessories far from shore power.	26.2" x 67.3"
270_W	SK270-ACV	High Output Solar Kit Maximum output for high-demand systems and full power independence. Built to live, work, and operate off-grid.	26.2" x 108.7"
320_W	SK160DUAL-ACV	High Output Solar Kit - Dual Panel Maximum output for high-demand systems in a convenient dual panel kit. Built to live, work, and operate off-grid.	26.2" x 67.3"

PRODUCT IMAGES



Accessories



Flexible Panel

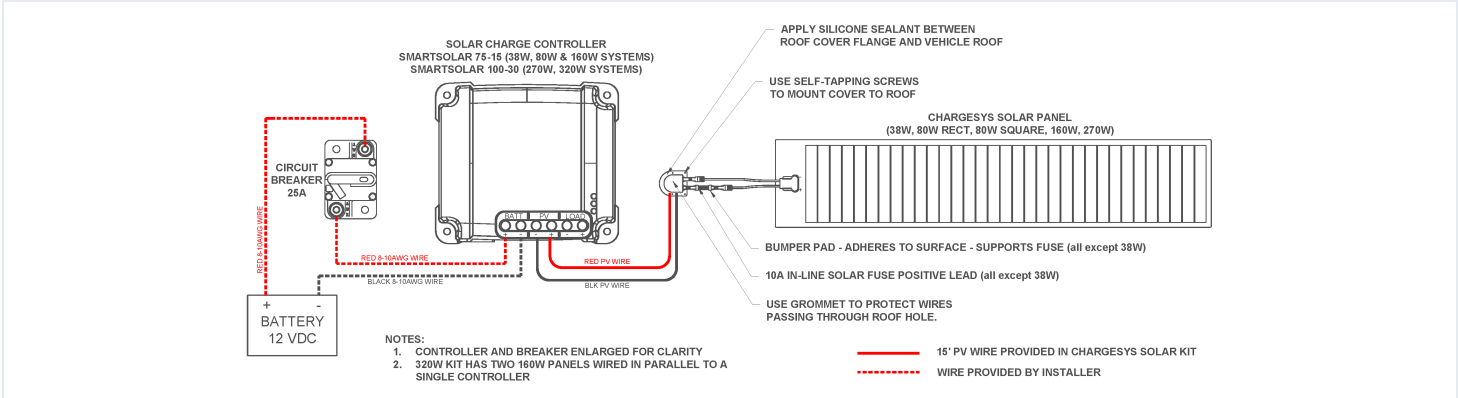


MPPT Controller

SYSTEM WIRING

PERMANENT INSTALL

15 ft PV wire is provided in every ChargeSys kit; wire from controller to battery is supplied by the installer.



TECHNICAL SPECIFICATIONS

All data at STC: 1000 W/m², 77°F, AM 1.5

SPEC	SK38-ACV 38W	SK80-ACV 80W	SK80Q-ACV 80W	SK160-ACV 160W	SK270-ACV 270W	SK160DUAL-ACV 320W
P _{max} (STC)	38W	80W	80W	160W	270W	320W
V _{mp}	18.4V	18.8V	18.5V	19.4V	32.5V	19.4V
I _{mp}	2.1A	4.3A	4.4A	8.3A	8.3A	16.6A
V _{oc}	22.8V	23.8V	22.9V	24.1V	40.3V	24.1V
I _{sc}	2.4A	4.7A	4.7A	9.3A	9.4A	9.3A
Weight	2.2 lbs	4 lbs	3.7 lbs	6 lbs	8.3 lbs	12 lbs
Dimensions	13.7" x 34.2"	13.7" x 67.3"	26.0" x 34.6"	26.2" x 67.3"	26.2" x 108.7"	26.2" x 67.3"
Temp range	-40~+185°F	-40~+185°F	-40~+185°F	-40~+185°F	-40~+185°F	-40~+185°F
Mounting	Self-adhesive	Self-adhesive	Self-adhesive	Self-adhesive	Self-adhesive	Self-adhesive
Controller	Victron 75 15	Victron 75 15	Victron 75 15	Victron 75 15	Victron 100 30	Victron 100 30
Warranty	5 years	5 years	5 years	5 years	5 years	5 years

Typical self-adhesive kits include a Victron SmartSolar MPPT controller, roof wire gland, 10A in-line MC4 fuse, 25A circuit breaker, and mounting hardware. Seal the roof cover flange with silicone; use the supplied grommet where wires pass through the roof. Specifications subject to change.