ARMORCELL

FLEXIBLE SOLAR. UNMATCHED DURABILITY.

Peel-and-stick thin-film panels built for durability and reliable output in harsh conditions.

SELF-ADHESIVE SOLAR KITS

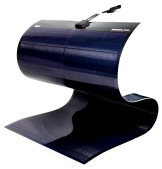
Engineered for the toughest marine environments, ARMORCELL thin-film flexible solar panels bond directly to your deck or hard-top and hide away. No bulky frames and no leaks. Enjoy many years of reliable, silent, self-generated power.

EVERY KIT INCLUDES

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

WATTS	SKU	KIT	PANEL SIZE
38W	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"
80W	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"
80W	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"
160W	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"
270W	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"
320W	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"

WHAT'S INCLUDED



Thin-film Flexible Solar Panel

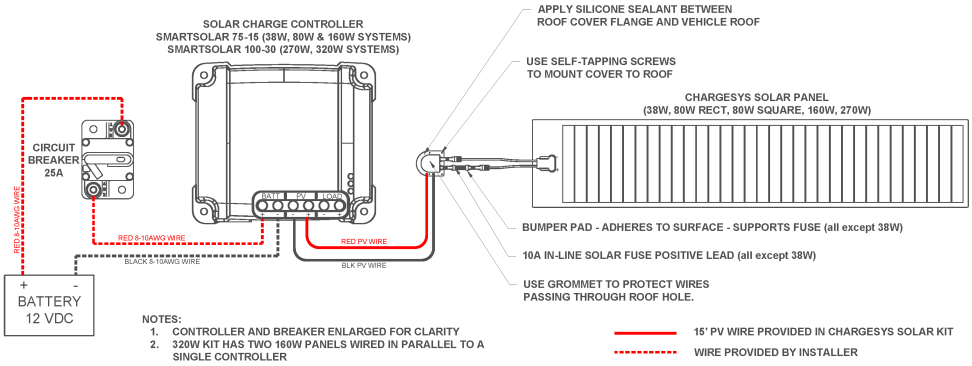
High Efficiency MPPT Controller

Installation Accessories

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/m^2, 77°F, AM 1.5

SPEC	SK38-ACV 38W	SK80-ACV 80W	SK80Q-ACV 80W	SK160-ACV 160W	SK270-ACV 270W	SK160DUAL-ACV 320W
Pmax (STC)	38W	80W	80W	160W	270W	320W
Vmp	18.4V	18.8V	18.5V	19.4V	32.5V	19.4V
Imp	2.1A	4.3A	4.4A	8.3A	8.3A	16.6A
Voc	22.8V	23.8V	22.9V	24.1V	40.3V	24.1V
Isc	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 (ACV) 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.