



Coastal Climate Control, Inc.

301-352-5738 voice www.CoastalClimateControl.com

2025 - Solar Controller MPPT (Maximum Power Point)

Victron – Bluetooth MPPT Step down (“Buck”, voltage reducing) controllers, programmable

MPPT	Price	Battery Chemistry/Voltage	Max Panel Power	Max Panel Voc	Min Panel Vmp	Max Output Current I	LxWxH	Weight
Smart Solar 75/15	\$67.15	Lead or Li 12v/24v	12v/200w 24v/400w	75v	Batt V +5v	15A	4x4.5x1.6"	17oz
Smart Solar 100/20	\$89.25	Lead or Li 12v/24v	12v/290w 24v/580w	100v	Batt V +5v	20A	4x4.5x1.6"	23oz
Smart Solar 100/30	\$128.35	Lead or Li 12v/24v	12v/440w 24v/880w	100v	Batt V +5v	30A	5.1x7.3x2.8	40oz
Smart Solar 100/50	\$184.45	Lead or Li 12v/24v	12v/700w 24v/1400w	100v	Batt V +5v	50A	5.1x7.3x2.8	40oz
MPPT Display	\$80.00	Displays real-time and historical data from single Victron MPPT controller, plus allows setting adjustment. Includes 1.8m VE Direct Cable.						

Genasun – GVB MPPT Step up (“Boost”, voltage boosting) controllers

MPPT	Price	Battery Chemistry /Voltage	Max Panel Power	Max Panel Voc	Max Output Current I	Chg algorithm bulk / absorption / float / reset	LxWxH	Weight
GVB-8-12-Pb	\$125	Lead/12v	105w	63v	8A	14.4v / 14.2v / 13.8v / 12.5v	5.5x2.5x1.4"	6.5oz
GVB-8-12-Pb-AGM	\$136	Lead/12v	105w	63v	8A	14.6v / 14.6v / 13.4v / 12.5v	5.5x2.5x1.4"	6.5oz
GVB-8-24-Pb	\$160	Lead/24v	210w	63v	8A	28.8v / 28.4v / 27.6v / 25v	5.5x2.5x1.4"	6.5oz
GVB-8-24-Pb-AGM	\$175	Lead/24v	210w	63v	8A	29.2v / 28.8v / 26.8v / 25v	5.5x2.5x1.4"	6.5oz
GVB-8-36-Pb	\$255	Lead/36v	325w	63v	8A	43.2v / 42.6v / 41.4v / 36.5v	5.5x2.5x1.4"	6.5oz
GVB-8-48-Pb	\$169	Lead/48v	350w	63v	8A	57.6v / 56.8v / 55.2v / 50v	5.5x2.5x1.4"	6.5oz

Solar Accessories Price List

Item	Price	Option	Description
MC4	\$5.00	Extra Pair MC4s	Watertight removable connection for solar systems
MC4-Y	\$31.95	MC4-Y connectors	Used for paralleling panels into controllers, Includes, 2x blocking diodes
Diode	\$3.75	Blocking diode	Prevents back-feeding when paralleling panels before controller
Solar PV wire	\$1.45	Per foot	Single conductor, 10 AWG multi-strand tinned copper solar wire
Backing Panel for Flexible solar panels	\$65.00	Can be cut to fit length of panel.	Twin wall polycarbonate 8mm sheet to mount flexible solar panels on frames or for additional air circulation on canvas. Two sizes: 22"x60, 27"x60
Philippi Deck Plug	\$27.00	Waterproof 3-cable with screw-on cover	Dimensions: 3" x 1" x 1" (requires Socket)
Philippi Wall Plug	\$22.00	Waterproof 3-cable with screw-on cover	Dimensions: 1.2" x 1.5" x 1.5" (requires Socket)
Philippi Socket	\$29.00	Waterproof 3-cable with screw-on cover	Dimensions: 3" x 1" x 1" (requires either Wall or Deck Plug)





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Cable Glands by Seaview

	Item	Connector Size	Cable Size	Retail
Seaview Cable Gland – Grey GF + ABS plastic cover with UV stable additive				
	CG30P-G	1.25" / 31mm	2-17 mm	\$27.00
	CGM17P-G	.67" / 17mm	2-17 mm	\$47.00
Seaview Cable Gland – Black Powder Coated Stainless Steel				
	CG30A-B	1.25" / 31mm	2-17 mm	\$34.00
	CGM17A-B	.67" / 17mm	2-17 mm	\$70.00
Seaview Cable Gland – High Polished Stainless-Steel				
	CG30-SS	1.25" / 31mm	2-17 mm	\$44.00
	CGM17-SS	.67" / 17mm	2-17 mm	\$78.00

Cable Glands by ScanStrut

	Item	Cover Size	Cable Size	Retail
Cable Gland – Grey high-impact UV-stable plastic cover				
	DS-H6	1.75" x 1.81"	2-6 mm	\$24.00
	DS-H10	1.75" x 3.05"	6-10 mm	\$30.00