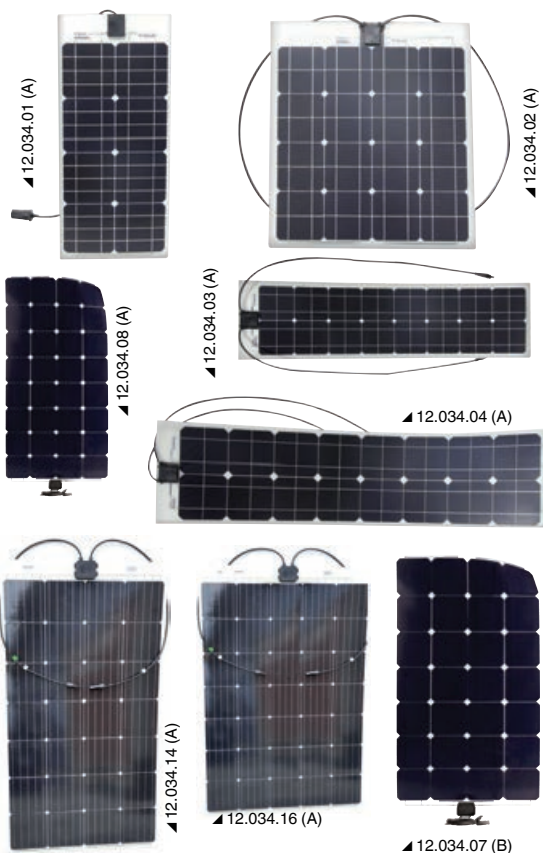


Solar panels and accessories

Enecom
SUNPOWER™



ENECOM flexible solar panels

MADE IN ITALY

Built with high-performance aerospace solar cells. Latest generation ultrathin and ultraflexible panels (1.7 mm). 17.25% mono-crystalline cell efficiency. The panel is a sandwich construction made up of a plastic support + solar cell + UV-resistant epoxy resin surface coating. Installation by means of double-sided tape. Connection cable with plug, included.

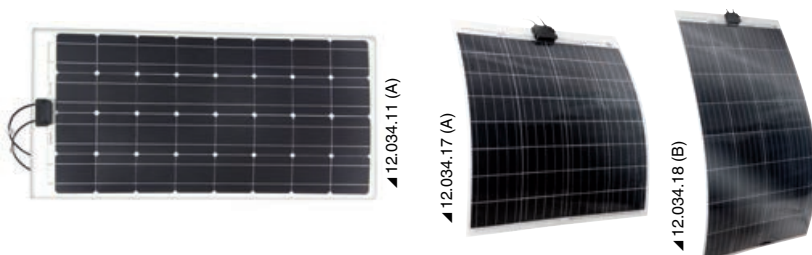
Version A: mono-crystalline panels.

Version B: fitted with Sun Power top-efficiency cells. This results in more compact dimensions and 23% higher efficiency over standard cells.

Code	Max power (Wp)	Thickness mm	V	Cable cm	mm	kg	Version
12.034.01	20	1.7	12	70	620x272	0.5	A
12.034.02	45	1.7	12	100	604x536	0.8	A
12.034.03	45	1.7	12	100	1120x282	0.8	A
12.034.04	75	1.7	12	100	1370x344	1.2	A
12.034.17	New 75	1.7	12	100	739x731	1.2	A
12.034.11	100	1.7	12	100	1231x536	1.6	A
12.034.07	90	1.7	12	100	977x546	1.5	B
12.034.08	120	1.7	12	100	1230x546	1.8	B
12.034.14	140	1.7	12	100	1194x660	1.85	A
12.034.16*	160	1.7	12	100	1352x660	2.1	A
12.034.18*	New 180	1.7	12	100	1535x671	2.6	A

To be completed with voltage regulator and MC4 connectors if needed depending on the system requirements.

* Provided with fastening eyelets.



Enecom



Pair of MC4 male + female connectors, IP67 for installation of Enecom panels.

Made in Italy

12.034.09 After fixing them to the onboard cables, they ensure an immediate connection to the Enecom panel already fitted with MC4 connectors.



Charge controllers for panels

These charge controllers are used in small-size solar systems for controlled charging of liquid electrolyte or gel dual batteries.

Code	Capacity A	V	Max load No panels
12.035.01	10	12/24	4x20 W, 3x40 W, 2x65 W, 1x90W, 1x130 W
12.035.02	20	12/24	4x60 W, 3x80 W, 3x90 W, 2x130 W

victron energy
BLUE POWER



VICTRON Blue - Solar charge controllers for solar panels

Internal temperature sensor, protection against short-circuit, over-current and reverse polarity. Three stage battery charging: BULK, ABSORPTION, FLOAT. The DUO version charges two separate batteries and its charge current ratio is programmable.

Code	Model	V	Max charge A	No. of chargeable batteries	mm	kg
12.033.01	Blue 5	12/24	5	1	70x133x34	0.15
12.033.02	Blue 10	12/24	10	1	70x133x34	0.15
12.033.03	Blue 20	12/24	20	1	70x133x34	0.23
12.033.04	Blue Duo 20	12/24	20	2	70x153x37	0.20

victron energy
BLUE POWER



Victron Smart - Solar - Solar charge controllers

INTEGRATED BLUETOOTH

HIGH PERFORMANCE

SMART BATTERY

MPPT solar charge controller (98% performance) with output for CC current draw and built-in Bluetooth for configuration and monitoring via the Victron Connect app. Temperature sensor integrated.

Code	Model	V	Max charge A	Max FV voltage V	mm	kg
12.028.01	MPPT 75/10	12/24	10	75	110x113x40	0.5
12.028.02	MPPT 75/15	12/24	15	75	110x113x40	0.5
12.028.03	MPPT 100/15	12/24	15	100	110x113x50	0.6