Solar panels and accessories

ENECOM flexible solar panels

MADE IN ITALY

Constructed with high-performance aerospace solar cells. These are ultra-thin, only 1.7 mm, and ultra-flexible latest generation panels. Mono cell efficiency 17.25%. The panel consists of a sandwich made of a plastic support + solar cells + a UV-resistant epoxy resin surface coating. Fixing is done using double-sided tape. Connection cable with MC4 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	I←—→I 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	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*	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.

12.034.01 (A) · 12.034.02 (A) · 12.034.03 (A) · 12.034.04 (A) · 12.034.08 (A)

12.034.18 (A) · 12.034.17 (A) · 12.034.11 (A) · 12.034.14 (A) · 12.034.16 (A) · 12.034.07 (B)
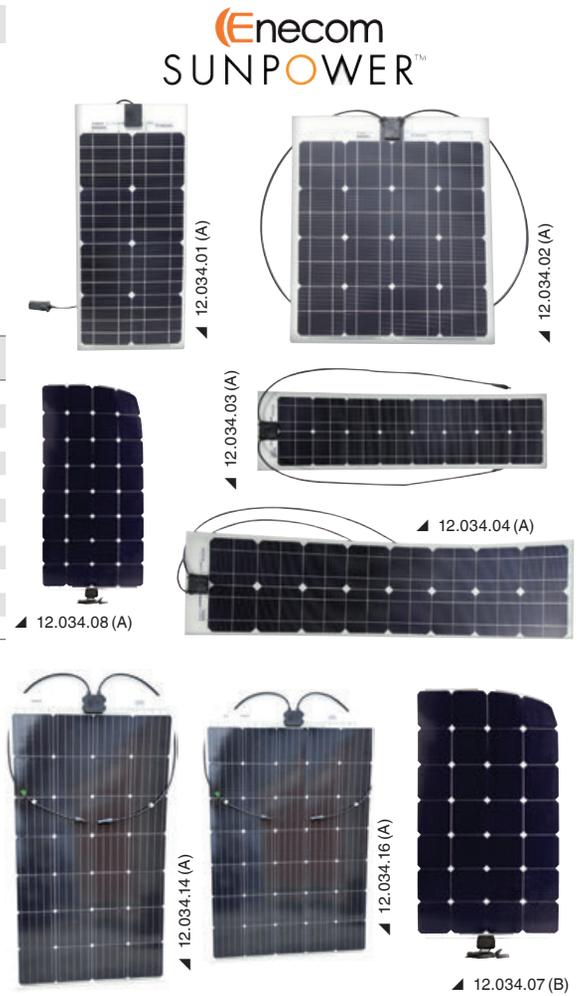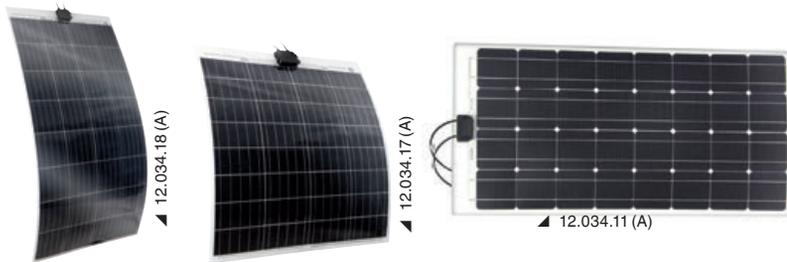
Pair of MC4 male + female connectors, IP67 for installation of Enecom panels.

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

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	I←—→I mm	kg
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 Smart - Solar Charge Controllers

INTEGRATED BLUETOOTH   **HIGH PERFORMANCE**   **SMART BATTERY**

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

Code	Model	V	Max charge A	V max voltage PV	I←—→I 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
12.028.04 New	MPPT 100/30	12/24	30	100	186x131x71	1.4