S-Connect 10-WP

Advanced standalone MPPT

The Solbian S-Connect 10-WP, originally developed for the ALLinONE solution, is now available as a standalone solar charge controller. The compact, fully sealed enclosure integrates an advanced MPPT Boost/Buck architecture engineered for high efficiency and long-term reliability in marine and challenging environments.
Integrated Wi-Fi connectivity allows real-time performance monitoring and settings adjustment through a dedicated web interface.



Made in Italy

New technology

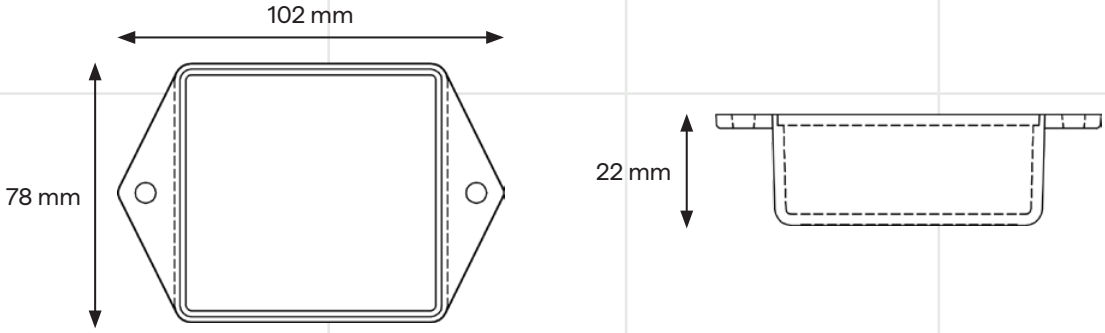
With the S-Connect 10-WP you can now stay connected to your solar photovoltaic system like never before.
Thanks to the new web interface, you can monitor real-time performance and adjust settings with ease.
Whether you're tracking energy output or fine-tuning your system, the web interface gives you complete control and insight from any device, ensuring your panels are always operating at peak efficiency.



Technical data

	S-Connect 10-WP
Product	Solbian charge controller
Technology	MPPT
Typology MPPT	Buck / Boost
MPPT operating voltage range [V]	8–36
Max. output current [A]	10
Battery voltage [V]	12 / 24 (auto-detect)
Battery charging voltage [V]	7–17 (12 V battery) I 18–34 (24 V battery)
Maximum absolute PV input voltage [V]	40
Recommended maximum PV panel Voc [V] ①	36
Maximum PV power [W]	150 (12 V battery) I 300 (24 V battery)
Electrical protections	Reverse current and reverse polarity protection (input/output)
Battery type	Pb / Li
Charge profile	Programmable via Web Panel (2-stage / multi-stage)
Efficiency [%]	95
Night / Standby consumption [W] ②	0 / 0.7
Dimensions [mm]	102 × 78 × 22 (L x W x H)
Weight [g]	155
Mounting	Ø 5 mm mounting holes
Wiring	40 cm cables – input: 2 × 1.5 mm²; output: 2 × 1.0 mm²
Environmental protection	IP 68
Data communication	Built-in Wi-Fi connectivity
Warranty [year] ③	5

① Panel Voc at STC = Standard Test Conditions refers to cell temperature of 25 °C.
② Night power consumption: 0 W. The electronics are powered directly by the PV input and shut down when there is no light.
③ See the Solbian "Warranty conditions" for more information.



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