



**System**

Max. charging current	5 A	5 A
Self-consumption	< 4 mA	< 4 mA

**Technology**

	<b>PWM</b>	<b>PWM</b>
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**Battery charge controller**

Battery voltage	12 V	24 V
Recommended battery capacity	2 to 150 Ah	2 to 150 Ah

**Compatible panel**

Recommended voltage - Vmp	17-19 V	34-38 V
Max. power	100 W	100 W

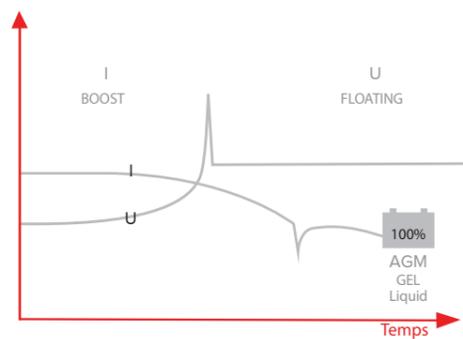
**Mechanical characteristics**

Operating temperature	IP65
Wire Section	1,5 mm <sup>2</sup>
Panel length	0,4 m
Battery length	2 m
Operating temperature	-35/+55°C
Storage temperature	-35/+80°C
Dimensions in mm (wxhxd)	82 x 50 x 15
Weight	150 g

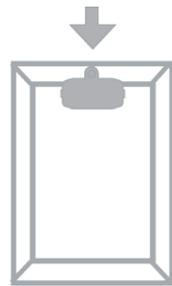
**Warranty**

Period	2 years	2 years
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**ADVANCED CHARGING CURVE**

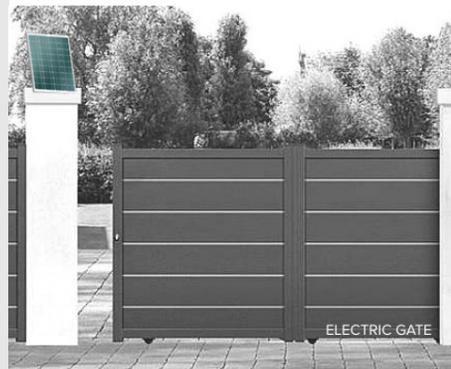
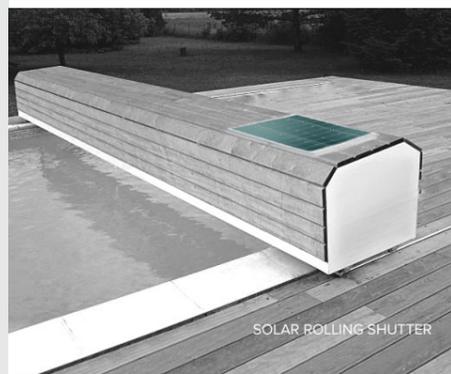


**EASY MOUNTING**



Waterproof, UNISAVE can be fixed directly on the back of your panel.

**POTENTIAL INSTALLATIONS**



**UNISAVE PWM Charge limiter**

**COMPACT AND WATERPROOF**



- Recharge all lead batteries (AGM, GEL, Liquide)
- Easy to install, integrated cable
- Possible to fix directly on the panel (M8)
- Protects against polarity reversals, and against water (IP65)
- 100% made in France

Designed, made in France



UNISAVE 5.12 - 5.24 S is an evolved charge limiter for autonomous photovoltaic system, with PWM 5A 12-24V technology.

UNISAVE converts the electrical energy of your solar panel in charging voltage for your battery.

Thanks to its evolved electronic, Unisave regulates the charging voltage in two steps (Boost and Floating) and thus perfectly save all your lead batteries:

- liquid electrolyte
- jellified electrolyte (GEL)
- AGM

With PWM technology, it ensures an optimal charge quality of your batteries 12-24V for a longer lifecycle.

Its mounting system and its integrated cable enable to fix it easily on the back of your panel without wrong connection risk.

Waterproof (IP65), UNISAVE is ideal for all outdoor applications (electrical fence, pool,...)