

### Features

- › PWM solar controller
- › Gel/lithium battery compatible
- › Automatic 12-24V<sub>DC</sub> selection
- › Highly efficient



ACE-PWM5020

### Specifications

	PWM5020
Reference	11101-5020A
Battery voltage	12-24V <sub>DC</sub> (automatic detection)
Charge current	20A
Solar panel input voltage	< 50V <sub>DC</sub>
Balancing	14.6V (settable)
End of charge	13.7V (settable)
Low Voltage Protection	10.7V (settable)
Charge reconnection	12.6V (settable)
USB Port	5V / 3A
Self-consumption	< 10mA
Operating temperature	-35 à +60°C
Dimensions	150x78x35mm
Weight	150 gr.

### Features

- › MPPT 20A solar controller
- › Gel/lithium battery compatible
- › Automatic 12-24-48V<sub>DC</sub> selection
- › Highly efficient



ACE-MPPT20

### Specifications

	MPPT20
Référence	11100-05020
Battery voltage	12-24-48V <sub>DC</sub> (automatic detection)
Charge current	20A
Solar panel input voltage	< 80V <sub>DC</sub>
Température de fonctionnement	-20 to +40°C
Dimensions	130x156x50mm
Weight	0.55Kg

### Features

- › MPPT 30A solar controller
- › Gel/lithium battery compatible
- › Automatic 12-24V<sub>DC</sub> selection
- › Highly efficient



ACE-MPPT10030

### Specifications

	MPPT10030
Reference	11100-10030
Battery voltage	12-24V <sub>DC</sub> (automatic detection)
Charge current	30A
Solar panel input voltage	< 100V <sub>DC</sub>
Minimum Vmpp	battery voltage +2V
Charge start	battery voltage +3V
Low Voltage Protection	10.5V (settable)
Efficiency	99.5%
Self-consumption	0.5 to 1.2W
Operating temperature	-20 to +50°C
Dimensions	289x212x105mm
Weight	1.98Kg