

# Soladin 1500 WEB



Product code: 130001500



Suitable for residential use with 4 to 8 solar panels, these compact inverters are ideal for smaller households where the energy consumption is immediately compensated by the power generated. Due to the intelligent and functional design, installation takes as little as three minutes. The HF transformer technology makes this Soladin WEB suitable for every type of solar panel.

### **Small inverter with a big performance**

The compact Soladin 1500 WEB series brings solar energy within everyone's reach. These inverters ensure a professional performance for small PV systems. Thanks to built-in WiFi and Mastervolt IntelliWeb, the operation of your PV system can be monitored in a simple and clear way – at home, at a friend's house or on holiday.

### **Mastervolt IntelliConcept: smart innovation for 5 to 10 % extra yield**

The Soladin WEB solar inverters will get the most out of your solar panels in all conditions. This means not only a great performance in blazing sunshine, but also the best possible yield on cloudy days. Eight built-in [IntelliConcept](#) IntelliConcept innovations guarantee maximum yield under all conditions.

### **Mastervolt IntelliWeb: Internet monitoring via WiFi**

Soladin WEB can utilise any existing WiFi connection. After logging into your personal IntelliWeb page, you will see a clear overview of the technical data, energy yield, and financial effects on your laptop, smartphone or tablet. You will be able to see whether the system is functioning properly at a single glance, while real-time data updates always provide you with the latest information. IntelliWeb automatic monitoring provides you with maximum operational security!

### **Quick to install, versatile in use**

Due to their silent operation, Soladin WEB inverters are ideally suited for installation in-house. The Soladin 2200 and 3000 WEB models can also be installed outdoors due to their solid IP65 casing.

Soladin WEB inverters can be applied with every type of solar panel, both in new and in existing systems. In addition, the Soladin WEB is suitable for most European countries.

### **Reliable quality**

The Soladin WEB is a Dutch quality product from Mastervolt. The range is designed in the Netherlands and produced in accordance with stringent quality and environmental requirements, such as ISO9001 and ISO14001. Our 'Zero Defects' policy limits errors to a minimum. The Soladin WEB inverters are supplied with 10 years manufacturer warranty.

# Specifications

## Specifications solar input (DC)

PV power range	1300-2000 Wp
Start-up power	< 5 W
Operating voltage range	80-375 V
MPP voltage range at nominal power	150-300 V
Nominal voltage	220 V
Max. voltage	375 V
DC connection	1 MPP tracker and 1 set Amphenol DC connections
Efficiency MPP trackers (static/dynamic)	99.9 % / 99.7 %
Nominal input current	11 A
DC protection	surge arresters, class III according to IEC 61643-1
Number of panels	6-8

## Grid output (AC) specifications

Grid voltage	230 V +15 %/-20 %
Nominal output power	1575 VA
Max. output power	1575 VA
Max. output current	7.6 A
Frequency	50/60 Hz
Power factor	> 0.99
Standby power	< 0.5 W
EU efficiency	95 %
Max. efficiency	95.6 %
AC connection	0,75-4 mm <sup>2</sup> push-in connector

## Regulations & directives

CE conformity	yes
Approved for use in	DE, SP, NL, UK, DK, FR, BE, GR, AT, IE, BG, CZ
Nat. grid requirements	VDE0126-1-1; VDE-AR-N4105; RD1699; G83/2; C10/11

## Communication & monitoring

Display	three LED indicators
Diagnostics	IntelliWeb
Communication	WiFi

## General specifications

Operating temperature	-20 °C to 60 °C; derating power > 45 °C -4 to 140 °F
Enclosure	aluminium, plastic (ABS) front
Safety class	class I
Inverter technology	HF trafo
Sound level (typ.)	< 36 dB(A) SPL
Dimensions, h x w x d	478 x 241 x 128 mm 18.8 x 9.5 x 5.0 inch
Weight	8 kg 17.6 lb
Protection degree	IP21, for indoor use
Product warranty	10 years

## Technical specifications

Relative humidity	< 90 % non condensing
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