

Soladin^{WEB}



For three to eight
solar panels

Monitoring via WiFi

Exceptionally quiet

High annual yield

Made in the Netherlands



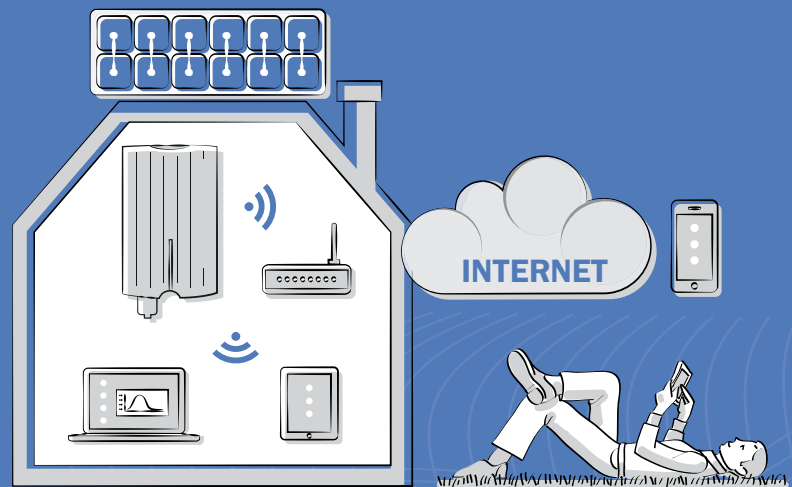
Solar energy
for all!



MASTERVOLT
THE POWER TO BE INDEPENDENT

Small inverter with a big performance

The compact Soladin *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 Mastervolt system can be monitored simply and clearly – at home, at a friend's house or on holiday.



Mastervolt IntelliWeb: Internet monitoring via WiFi

The Soladin *WEB* can use any existing WiFi internet connection. Simply log into your own IntelliWeb page via laptop, smartphone or tablet and you will have a clear overview of the energy yield and its financial and environmental effect. You can check at a glance whether the system is functioning properly – and since the data is updated in real time, you can always see the latest state of affairs. IntelliWeb automated monitoring guarantees maximum security.

Quick to install, versatile in use

The exceptionally quiet Soladin *WEB* inverters are ideally suited for indoor use. Thanks to their smart and functional design, installation takes just three minutes. The inverter features HF transformer technology, making it appropriate for any type of solar panel in both new and existing systems. Soladin *WEB* is suitable for use in most European countries.

Reliable quality

The Soladin *WEB* is a quality Dutch product from Mastervolt. Incorporating more than twenty years of experience in solar energy, it is guaranteed to operate trouble-free for years. Our products are designed and produced in the Netherlands under ISO9001 quality control. The Soladin *WEB* has a five-year warranty.



supreme **benefits**

Power indicator

Lights up faster as more solar energy is converted.



Mounting bracket

Including mounting bracket for quick and easy wall mounting.



Connectors

Solid DC connectors, grid supply with QuickConnect.



Optional switch

Completely pre-assembled DC switch ensures fast installation and optimum safety.



WiFi antenna

Wireless connection to Mastervolt IntelliWeb.

LED indicator

WiFi and inverter status.



IntelliWeb

Direct overview of your PV system, at any time of day.

Mastervolt IntelliConcept:

Smart innovation for a higher yield

More than 20 years of experience in solar energy pays dividends! As well as an excellent performance in full sunshine, you also enjoy maximum yield on cloudy days. Eight built-in IntelliConcept innovations guarantee the best possible efficiency in all conditions. The result: Up to 10% extra yield, year after year!



IntelliStart

Delivers additional yield in the early morning and the late evening.



IntelliCool

Stable high efficiency and constant high power.



IntelliTrack

Additional yield by tracking fast weather changes.



IntelliPeak

Maximizes efficiency where it's needed most.



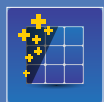
IntelliGrid

Stable operation during small grid disturbances.



IntelliString

Up to 80% reduction of cable loss.



IntelliShade

Maximizes production even under shaded conditions.



IntelliWeb

Integrated monitoring for early warning on system fault.

For more information, please visit
www.mastervoltsolar.com/intelliconcept

Specifications Soladin^{WEB}



Soladin 1000 WEB



Soladin 1500 WEB

Product code

130001000

130001500

GENERAL

Operating temperature	-20 °C to 60 °C; derating power > 45 °C	
Enclosure	aluminium, plastic (ABS) front	aluminium, plastic (ABS) front
Protection degree	IP21, for indoor use	IP21, for indoor use
Relative humidity	< 90% non condensing	< 90% non condensing
Safety class	class I	class I
Inverter technology	HF trafo	HF trafo
Sound level (typ.)	< 36 dB(A) SPL	< 36 dB(A) SPL
Dimensions, hxxwxd	478x241x128 mm	478x241x128 mm
Weight	7 kg	8 kg
Product warranty	10 year	10 year

SOLAR INPUT (DC)

PV power range	850 - 1350 Wp	1300 - 2000 Wp
Start-up power	< 5 W	< 5 W
Operating voltage range	70 - 290 V	80 - 375 V
MPP voltage range		
at nom. power	130 - 230 V	150 - 300 V
Nom. voltage	205 V	220 V
Max. voltage	290 V	375 V
Number of inputs	1 MPP tracker and 1 set Amphenol DC connections	
Efficiency MPP trackers (static/dynamic)	99.9 % / 99.7 %	99.9 % / 99.7 %
Nom. input current	8.6 A	11 A
DC protection	surge arresters, class III according to IEC 61643-1	
Number of panels	4-5	6-8

GRID OUTPUT (AC)

Grid voltage	230 V +15% / -20%	230 V +15% / -20%
Nom. output power	1050 W	1575 W
Max. output power	1050 W	1575 W
Max. output current	5.1 A	7.6 A
Frequency	50/60 Hz	50/60 Hz
Power factor	> 0.99	> 0.99
Standby power	< 0.5 W	< 0.5 W
EU efficiency	94.4 %	95.0 %
Max. efficiency	95.3 %	95.6 %
AC connection	0.75 - 4 mm ² push-in connector	

REGULATIONS & DIRECTIVES

CE conformity	yes	yes
Approved for use in	DE, SP, IT, 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	three LED indicators
Diagnostics	IntelliWeb	IntelliWeb
Communication	WiFi	WiFi

Subject to alterations. For our complete product range please visit
www.mastervoltsolar.com