

MPPT

Controller

The new WSL MPP series from WATTSTUNDE determines the optimum operating point of the solar modules per second and can generate up to 30% extra yield under favorable conditions. This charging current gain ensures shorter charging times of the batteries.

- ▶ MPPT control for optimal yield maximization
- ▶ LCD status display
- ▶ Multi-stage charging technology
- ▶ Low Voltage Disconnect (LVD)
- ▶ Shot Circuit Protection
- ▶ Temperature sensor included
- ▶ Lead-Acid, AGM, GEL Battery

WSL MPPT

20A-100V · 30A-100V · 40A-100V



TYPE	WSL20.100 MPPT	WSL30.100 MPPT	WSL40.100 MPPT
Article No.	300-10020	300-10030	300-10040
Max. Input (PV)	20 A	30 A	40 A
Max. Voltage (PV)	90 V	90 V	90 V
Max. Solar Power	260W (12V) / 520W (24V)	390W (12V) / 780W (24V)	520W (12V) / 1040W (24V)
Max. Load Power	20 A	30 A	40 A
Charging Technology	MPP mit 3 Ladephasen	MPP mit 3 Ladephasen	MPP mit 3 Ladephasen
Low Voltage Disconnect	10,8 bis 11,8V / 21,6 bis 23,6V	10,8 bis 11,8V / 21,6 bis 23,6V	10,8 bis 11,8V / 21,6 bis 23,6V
Battery Voltage	12V oder 24V	12V oder 24V	12V oder 24V
Standby Consumption	< 8mA	< 8mA	< 8mA
Max. working temperature	-20°C bis +50°C	-20°C bis +50°C	-20°C bis +50°C

DIMENSIONS	WSL20.100 MPPT	WSL30.100 MPPT	WSL40.100 MPPT
Weight	1300 g	2000 g	2000 g
Dimensions	189 x 182 x 64 mm	189 x 255 x 69 mm	189 x 255 x 69 mm

PARAMETER

MPPT Charging Voltage	< 14,5 / 29,0V (25°C)	Protection Class	IP 32
Boost Voltage	14,5 / 29,0V (25°C)	Max. Terminal Size	16mm
Equalization Voltage	14,8 / 29,6V (25°C)	Communication Port	RS485
Float Voltage	13,7 / 27,4V (25°C)		
Overcharge Protection	15,5V / 31,0V		
Max. Battery Voltage	35V		
MPP Charge Efficiency	98%		

YOUR AUTHORIZED DEALER

Technische Änderungen, Irrtümer und Druckfehler vorbehalten

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