

Charging regulator

MPP430 DUO DIG 30A

Product code: 1725

30A

Rated current

MPPT

Type



FUNCTIONS

- Overcharge protection and reverse current blocking (night mode) protect the batteries from damage and prevent reverse current flow at night.
- Protection against overload, overheating, short circuit, and reverse polarity enhances system safety and reliability.
- Automatic voltage drop compensation on charging cables ensures efficient charging by compensating for losses in the cables.
- Compatibility with Solar-Computer S, VPC, Bluetooth connection, and solar current display output (EBL) facilitates integration with various monitoring and control systems.

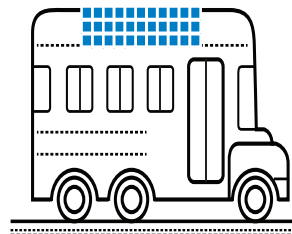
4sun®

TECHNICAL DATA

INDEX	1725
MODEL	MPP430 DUO DIG 30A
Nominal system voltage	12 VDC
Battery type	Sealed/Gel/Flooded
Maximum module power [Wp]	430
Maximum solar module current [A]	26
Grid suppression filter	YES
Maximum PV module voltage [V]	50
Charging line characteristics	IU1oU2
Battery charging I/II max [A]	31,5/1,0
Current consumption in sleep mode	4 mA
EBL combinability	YES
Reverse current protection	YES
Overcharge protection	YES
Warranty	2 years
Ambient temperature	-20°C~+45°C
Dimensions (L x W x H) [mm]	131x40x77
Weight (g)	260
Connection for temperature sensor	YES

APPLICATION

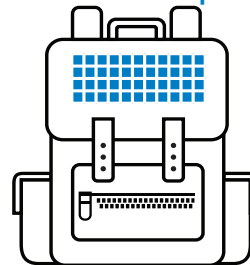
Solar Car



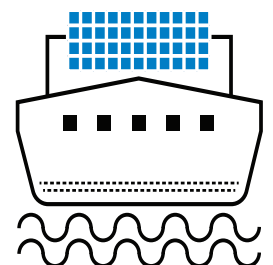
Solar Home



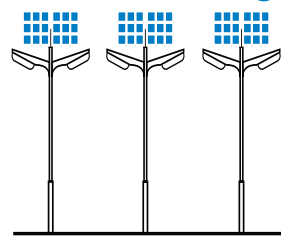
Solar Backpack



Solar Boat



Solar Street Light



Solar Power Generator

