

Charging regulator

EPIPDB-COM 20A

Product code: R0040

20A

Rated current

PWM

Type



FUNCTIONS

- Enables charging of two batteries with the option to set charging priorities.
- Automatically adjusts to 12V or 24V systems.
- Protects against overcharging, deep discharge, overload, and reverse polarity.
- Allows system monitoring via the remote MTI display.
- LED indicators show the battery level and charging process.

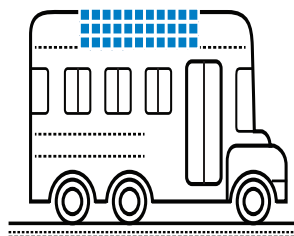
4sun®

TECHNICAL DATA

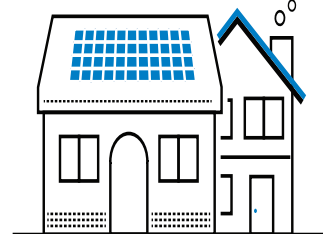
INDEX	R0040
MODEL	EPIPDB-COM 20A
Nominal system voltage	12/24VDC Auto
Battery type	Sealed/Gel/Flooded
Working voltage [V]	8~15
Rated charging current [A]	20
Rated discharge current [A]	20
Maximum PV circuit voltage [V]	30 / 55
Charging voltage [V]	14,6
Own consumption	4mA / 10mA
Warranty	2 years
Equalisation voltage [V]	Sealed: 14,6
Weight (g)	240
Temperature range	-35°C~+55°C
Terminal for cables [mm ²]	4
Charging time [min]	120
Pulse charging time [min]	30
Communication interface	RJ45
Temperature compensation	-5mV/°C/2V

APPLICATION

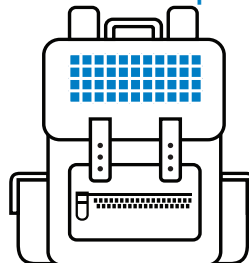
Solar Car



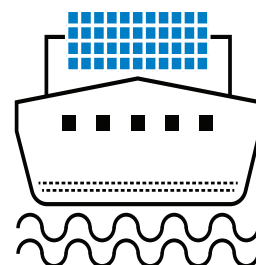
Solar Home



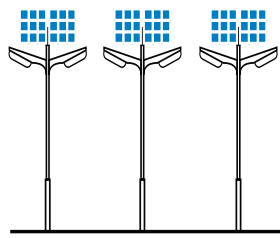
Solar Backpack



Solar Boat



Solar Street Light



Solar Power Generator

