

Charging regulator

Tracer 5210LPLI 20A

Product code: R0103

20A
Rated current

MPPT
Type



FUNCTIONS

- Combines a solar charge controller and constant current LED driver in one device.
- Utilizes MPPT technology, which increases charging efficiency by up to 30% compared to traditional PWM controllers.
- Offers various load control modes, tailored for different solar LED lighting applications.
- Ideal for use in solar-powered LED lighting systems, enhancing the efficiency and flexibility of such systems.
- The device is adapted to various scenarios where solar-powered lighting control is required, making it a versatile tool in lighting systems.

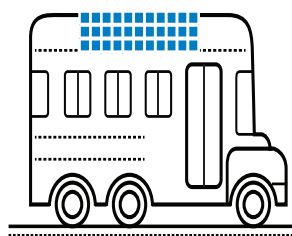
4sun®

TECHNICAL DATA

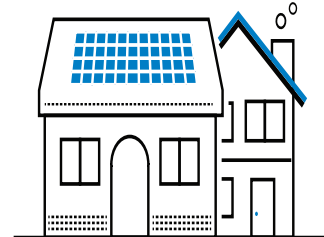
INDEX	R0103
MODEL	Tracer 5210LPLI 20A
Nominal system voltage	12/24VDC
Battery type	Sealed/Gel/Flooded
Working voltage [V]	8,5~32
Rated charging current [A]	20
Rated discharge current [A]	20
Maximum PV circuit voltage [V]	100
Charging voltage [V]	14,6
Low-voltage cut-off voltage [V]	11,1
Connection voltage [V]	12,6
Self-consumption	12V≤15mA; 24V≤m22mA
Efficiency	≤95%, (N.C.)
Protection	IP20
Warranty	2 years
Equalisation voltage [V]	Sealed: 14,6
Dimensions (L x W x H) [mm]	153x105x52,1
Weight (g)	1180
Temperature range	-25°C~+60°C

APPLICATION

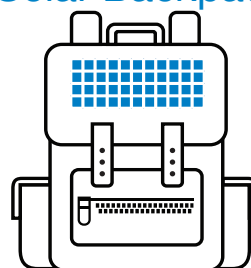
Solar Car



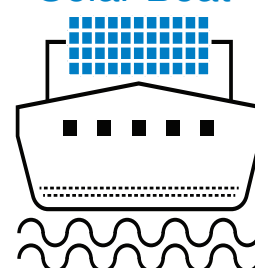
Solar Home



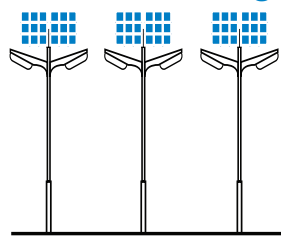
Solar Backpack



Solar Boat



Solar Street Light



Solar Power Generator

