

STUDER 48V 65A MPPT Controller

Solar Charge Controller | STUDER | VT-65



Advanced MPPT maximizes solar energy, ensuring optimal charge current for 12-24-48V systems, even with partial shading. Engineered for demanding mobile uses, it integrates seamlessly into automotive, caravan, camper, and marine power systems.

Features

- Maximizes solar energy harvest with advanced MPPT tracking to ensure your 48V battery bank is always optimally charged.
- Engineered for robust performance in mobile environments, including automotive, caravan, camper, and marine applications.
- Utilizes cutting-edge MPPT technology to significantly increase energy yield compared to traditional controllers.
- Ensures reliable power management for 48V systems, protecting your battery bank and extending its lifespan.

MAX PV VOLTAGE	MAX PV POWER	MAX CHARGE CURRENT	CONTROLLER TYPE	MPPT TRACKERS
175 V	5.000 W	80 A	MPPT	1

Technical Specifications

PV Input		Battery Output	
Max PV Voltage	175 V	Max Charge Current	80 A
Max PV Power	5.000 W	Auto Voltage Detection	? Yes
MPPT		Physical Specifications	
Controller Type	MPPT	Length	310 mm
MPPT Trackers	1	Width	220 mm
Tracking Efficiency	99 %	Height	120 mm
		Weight	5,2 kg
		IP Rating	IP54

Regulatory Compliance



Standards: EN 62109-1, EN 62109-2
Regulatory: CE

Product Identification

Item Code: **VT-65**
Manufacturer Code: **VT-65**
Model: **VT-65**