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

Max PV Voltage	**175 V**
Max PV Power	**5.000 W**

MPPT

Controller Type	**MPPT**
MPPT Trackers	**1**
Tracking Efficiency	**99 %**

Battery Output

Max Charge Current	**80 A**
Auto Voltage Detection	**? Yes**

Physical Specifications

Length	**310 mm**
Width	**220 mm**
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**

Specifications are subject to change without notice. © 2026 De Hoeve Multipower B.V.