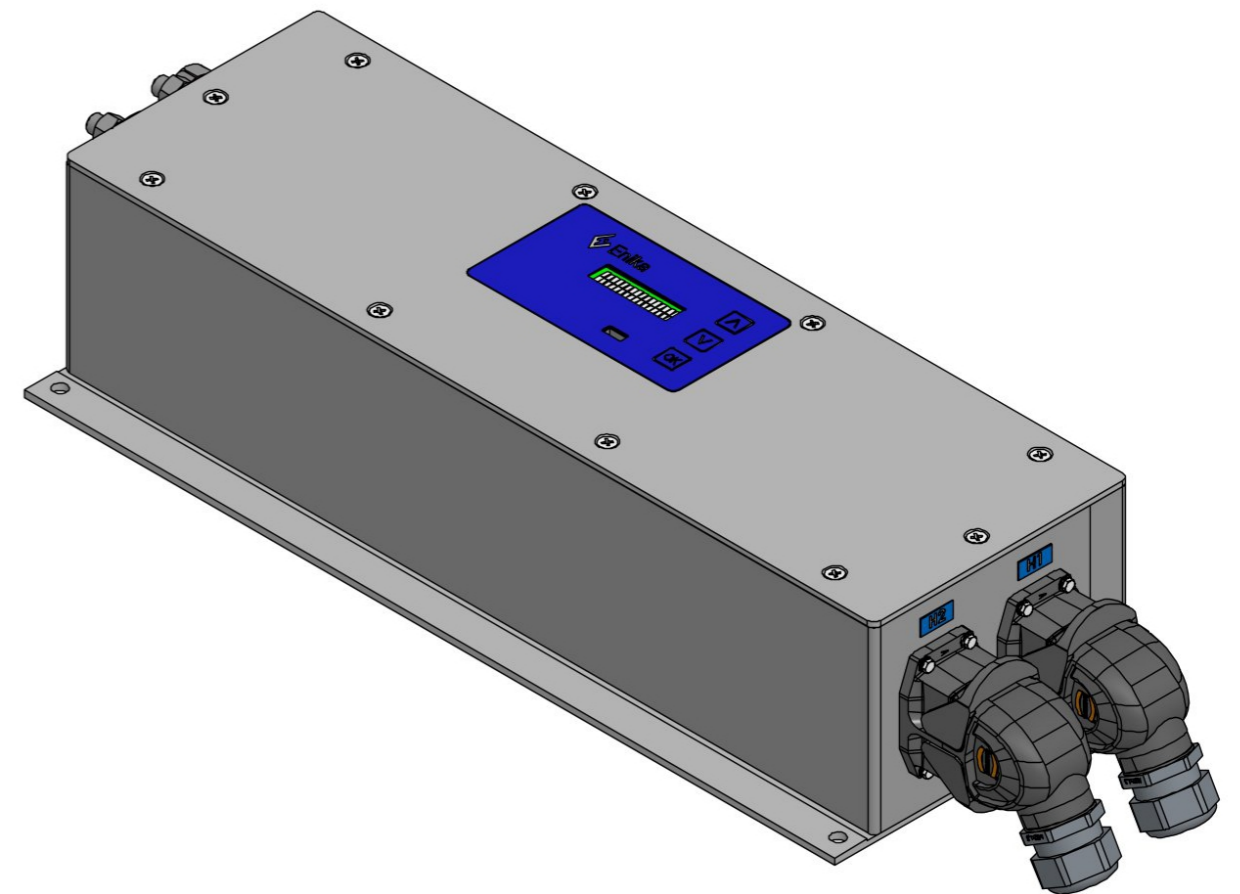


APPLICATION



The ENI-PV/SLIM/10 system is a set of MMPT solar power controllers intended for charging 24V_{DC} batteries. The task of the regulator is to stabilize the voltage coming out of the panel to optimal conditions for charging the battery. The regulator is adapted to support for 4 types of photovoltaic panels: PV-ASOL-FLEX-150P-W0R, ASOLL-146MM-W0RCM1313, ASOLL-96MM-W0R-CM1314, ASOLL-114MM-W0R-CM1315. Up to 10 panels can be connected to one inverter. The device converts the alternating voltage coming from of photovoltaic cells for a stabilized charging voltage of the bus batteries. The LCD display provides current visualization and diagnostics of the device's operation. The device allows you to download energy consumption reports to a USB mass storage device (flash drive).



SPECIFICATION

TYPE	ENI-PV/SLIM/10
PV cell voltage	3 ÷ 30 V _{DC}
Maximum current per PV cell	10 A
Nominal output voltage (adjustable according to the battery type)	24 V _{DC}
Maximum power rating (for 10 connected PV cells)	1,5 kW depending on the type of PV panels
Overall efficiency	> 97%
Cooling	natural (convection)
Enclosure protection rating	IP54
Weight	7 kg