

Victron Energy — components used

List of all Victron Energy components installed in the Phoenix MIDI 8200 BML motorhome on an Iveco Daily chassis. Current specs and prices: victronenergy.com

CATEGORY	COMPONENT / DESCRIPTION	LINK
ELECTRICS	Victron Energy MultiPlus-II 12/3000/120-32 Inverter/charger for the vehicle 230V system. 3000 VA, 120 A charger, PowerAssist, PowerControl, UPS function. Full Victron system integration via VE.Bus.	victronenergy.cz/inverters-chargers/multiplus-ii
BATTERY	2x Victron Energy LiFePO4 Battery NG 12.8 V / 200 Ah New-generation lithium iron phosphate batteries from Victron NG. Total capacity 400 Ah (5.12 kWh). Integrated BMS in each battery, communicates via VE.Bus BMS NG.	victronenergy.com/lithium-battery-system/lithium-ng-battery
BMS	Victron Energy VE.Bus BMS NG Control and protection system for Victron NG batteries. Monitors operating limits, cell balancing, MultiPlus communication and safe disconnection in abnormal conditions.	victronenergy.com/bms/ve-bus-bms-ng
MONITORING	Victron Energy Cerbo GX Central control and communication hub of the entire system. HDMI output, GX Touch display, WiFi/Ethernet/Bluetooth, VRM portal for remote monitoring.	victronenergy.com/communication-centres/cerbo-gx
MONITORING	Victron Energy SmartShunt 1000 A / 50 mV Precise battery state monitoring (SOC), current, voltage, energy consumed and remaining capacity. Bluetooth + VRM integration via Cerbo GX.	victronenergy.com/battery-monitors/smart-battery-shunt
SOLAR	Victron Energy BlueSolar MPPT 150/60-Tr MPPT solar charge controller for 780 Wp panel array (2x 220 Wp + 2x 170 Wp, series-parallel wiring). Max. input voltage 150 V, max. charge current 60 A.	victronenergy.com/solar-charge-controllers/bluesolar-mppt-150-60
DC-DC CHARGING	Victron Energy Orion-Tr Smart 12/12-30A Isolated Isolated DC-DC charger (360 W) for safe galvanic separation of starter and service battery circuits. Controlled from Cerbo GX, LiFePO4 charging algorithm.	victronenergy.com/dc-dc-converters/orion-tr-smart
DC-DC CHARGING	Victron Energy Orion-Tr Smart 12/12-50A Non-Isolated Non-isolated DC-DC charger (600 W) for additional alternator charging on the move. Combined with the 30A unit provides 960 W total charging power while driving.	victronenergy.com/dc-dc-converters/orion-tr-smart
AC CHARGING	Victron Energy Smart IP43 Charger 12 V / 50 A Backup AC charger for charging from mains or generator. Three outputs, Bluetooth, Smart networking. Used mainly in winter operation and after deep discharge.	victronenergy.com/chargers/smart-ip43-charger