



PRODUCT DATASHEET
LIBM-ESS252100



LIBM-ESS252100

Lithium Portable Energy Storage System



25.2V

100Ah

Lilon

2.52KWh

FEATURES

- Charger/Inverter Multiplus 24/500-10
- 24V 100Ah MG battery pack
- Battery management controller MG Master LV
- Control display CCGX
- Switch board panel with input and output connectors
- MCB/RCD circuit breaker for AC output
- Ethernet connection port
- CAN connection port. NMEA 2000 compatible
- Rigid Pelican case on wheels for easy transportation
- Remote control over VRM (online portal)
- Bluetooth connectivity to monitor over smartphone
- Configurable protection limits and alarms



SPECIFICATIONS

- **Model Number:** LIBM-ESS252100
- **Chemistry:** Lithium Ion (NMC)
- **Battery pack:** MG HE 24/100*
- **Nominal Voltage:** 25.2VDC
- **Capacity [Ah]:** 100Ah
- **Power [Wh]:** 2520Wh
- **Charger:** Victron Multiplus 24/500/10
- **DC charging current:** 10A
- **AC Input:** 187-265 VAC @ frequency 45-65Hz
Power factor:1
- **Minimum generator size:** 2kVa
- **Max AC power @25°C:** 500W continuous
- **Max. Current:** 2A AC
- **USB Charger:** Dual/10W each port
- **Display:** Victron CCGX*
- **Battery management controller:** MG master LV*
- **Remote online control:** YES (VRM) via ethernet port
- **Bluetooth Connectivity:** YES
- **Dimensions:** 445 (W) x 726 (H) x 271 (D) mm
- **Weight:** 36Kg (approx.)
- **Charging Temperature:** 0°C to +45°C
- **Discharging Temperature:** -20°C to +55°C
- **Storage Temperature :** -20°C to +55°C
- **Ingress Protection Rating:** IP66



* Refer to its manual for more details.