TECHNICAL DATASHEET

VYON ENERGY - 100kW / 240kWh



- Intelligent energy management system (EMS)
- Long-life lithium batteries
- Battery management system (BMS)
- High-performance bidirectional PCS module
- Active safety and thermal management systems
- Fully pre-configured system, easy and quick to install
- Integrated inverter
- Outdoor cabinet with Air-conditioned battery compartment; air-cooled electrical compartment
- Foundation required**

Total inverter power: **100 kW**
Total battery capacity: **240kWh**

Dimensions (W×D×H)	1600x1330x2250	Rated grid voltage	380V/400V
Weight (kg)	2500	Inverter efficiency (%)	98,2
Optimal temperature (°C)	25	Battery efficiency (%)	95
Operating temperature (°C)	-20 tot +55	Expected lifespan	≥ 15 years
Humidity (RH%)	0-95	Battery cycles	≥ 6,000 (at 90% DOD, 25°C)
Communication	Ethernet	Depth of Discharge (DOD) (%)	90
Protection grade	IP54	Warranty	10 years

*Technical specifications can be found in separate datasheets
**Foundation plan available in separate sheet