



## High Protection

- Built-in smoke sensor, temperature sensor, temperature control and fire suppression system to monitor the real time of internal battery status.
- Pressure relief cabinet
- Fire Hose connection for local Fire Department.

## Easy Maintenance

- Cloud-monitoring and maintenance by Samvolt\*
- Onsite maintenance by Samvolt\*
- Built-in screen for operation and maintenance
- Open to third-party EMS (compatible with Aire, CheckWatt and other third-party EMS through Solinteg inverter)

## Specifications

Physical Characteristics	
Dimension (W/D/H, mm)	700x1050x1900/Cabinet (battery only)
Weight (kg)	880/Cabinet (battery only)
Protection Level	IP55

Electrical Characteristics	
Battery Cabinets	1
Battery Type	LiFePO4 (Lithiumironphosphate)
Rated Energy Capacity (kWh)	61.4
Rated Battery Capacity (Ah)	100
Rated Charging/Discharging Current (A)	100/100A
Max Charging/Discharging Current (A)	100/100A
Nominal Voltage (V)	614 V
Usable Voltage Range (V)	537.6 - 672 V
Depth of Discharge (%)	90%
Round-Trip Efficiency (%)	95%
Cycle Life	6000
DC Disconnect	Contacteur Fuse
BMS Communication	CAN

Operating Conditions	
Installation	Indoor / Outdoor
Operating Temperature	-20 to 50°C
Storage Temperature	-20 to 60°C
Humidity	5% to 95%
Altitude	Max 2000 m
Cooling / Heating	Internal Air Conditioning
Inverter Compatibility	Solinteg and others. Contact Samvolt for more information.
Compliance	IEC62619, CE, UN38.3
Warranty	5 Years (can be extended to 10 Years)

Datasheet may get updated without prior notice. For the latest version please contact your local distributor.  
 \* Requires Samvolt SLA.