



Features

- Long cycle life +6000
- Excellent safety performance
- High energy density
- Back-up power & black-start

Easy Maintenance

- Cloud-monitoring and maintenance by Samvolt (requires Samvolt SLA).
- Onsite maintenance by Samvolt (requires Samvolt SLA)
- Open to third-party EMS (compatible with CheckWatt through Solinteg inverter)

Specifications

Physical Characteristics	
Dimension (W/D/H, mm)	654x227x1205
Weight (kg)	143
Protection Level	IP54

Electrical Characteristics	
Battery Cabinets	1
Battery Type	LiFePO4 (Lithiumironphosphate)
Rated Energy Capacity (kWh)	15
Usable Energy Capacity (kWh)	13.5
Rated Battery Capacity (Ah)	40
Rated Charging/Discharging Current (A)	20/20A
Max Charging/Discharging Current (A)	40/40A
Nominal Voltage (V)	384 V
Usable Voltage Range (V)	336 - 420 V
Max Depth of Discharge (%)	90%
Recommended Depth of Discharge	80%
Cycle Life	6000
DC Disconnect	Contactur Fuse
BMS Communication	CAN

Operating Conditions	
Installation	Indoor
Operating Temperature	-10 to 50°C (Charge 0 to 50°C, Discharge -10 to 50°C)
Storage Temperature	0 to 25°C
Humidity	5% to 95%
Altitude	Max 2000 m
Cooling / Heating	Natural Convection
Inverter Compatibility	Solinteg, contact Samvolt for more information

*Datasheet is preliminary. Specifications can change without prior notice.