

VERSABATT G3

Datasheet 2025



SPECIFICATIONS

Technical specifications

Voltage	48V
Capacity	2.4kWh
Continuous Dis-charge	3kW (Peak 4kW)
Voltage range	33.8V - 54.6V
Series connection	Not supported
Parallel connec-tion	Supported
Recommended charging status during storage	40 - 60%

Temperature restrictions

Ambient operating temperature (discharge)	-20 to +55°C
Ambient operating temperature (charging)	+5 to +40°C
Ambient operating temperature (storage)	-20 to +55°C

Weight and dimensions

Weight	12.1kg
Dimensions	480 x 278 x 85mm (Lenght x width x height)
IP rating	66

DETAILED SPECIFICATIONS

Technical specifications

Nominal Voltage	46.8V
Undervoltage protection	33.8V
Charging voltage	54.6V
Nominal charging current	5A @ 54.6V. 0.5A Cutoff current
Maximum charging current (0-25°C)	25A @ 54.6V. 0.5A Cutoff current
Maximum charging current (25-45°C)	30A @ 54.6V. 0.5A Cutoff current
Nominal discharge current	40A
Maximum discharge current (continuous) -20 to 10°C	50A
Maximum discharge current (continuous) 10-25°C	100A
Maximum discharge current (continuous) 25-55°C	100A
Specific energy	190 Wh/kg
Specific Power	330 Wh/kg

