



Main Features

- Energy efficiency up to 90%, along with its cycle life is over 6000 times.
- Standard and scalable, installation, and maintenance.
- Highly intergrated with LFP, BMS, PCS, CCU, HVAC, FES and EMS all in one cabinet



Specifications

System Data	
System Rated Capacity	251 kWh
System Usable Capacity	233 kWh (93% DOD)
System Battery Configuration	280S1P, 14 battery modules
Operation Voltage, DC	840 V - 994 V
DC Rated Voltage	896 V
Charge/Discharge Rate	≤0.5 P
Cycle Life (0.5P/0.5P, 80% EOL)	≥6000 cycles
Thermal Management	A/C
Fire-Extinguishing System	Perfluoro (2-methyl-3-pentanone) flammable gas detector & ventilation system
Dimensions (W x H x D)	65.2 × 83.1 × 49.2", A/C excluded
Weight	6680 lb
Operating Temperature Range	-4 to 131 °F
Relative Humidity	0 ~ 95 % (non-condensing)
Degree of Protection	Type 3R
Anti-corrosion Grade	C4
Max. Working Altitude	≤ 6500'
Battery Module	
Cell Type	280 Ah/ LFP Prismatic
Configuration	20S1P
Rated Voltage	64 Vdc
Voltage Range	60~71 Vdc
Rated Energy	19.58 kWh
Dimension (W x H x D)	19.9 × 9.1 × 37.4"
Weight	305.3 lb
PCS Data	
Rated Output Power	125 kVA
Maximum Output Power	125 kW
Rated Grid Voltage	277/480 Vac, 3W+N+PE or 3W+PE
Frequency	60 Hz
THD	<3% (rated power)
Dimensions (W x H x D)	27.6 × 10.5 × 32.3"
Weight	183 lb
Standards	
Safety	UL 9540, UL 9540A, UL 1973
Transportation	UN 38.3
Grid Connection	IEEE 1547, UL 1741 SB