



AENERGY 5000™

Energy Storage System



High Capacity



Safe & Efficient



Grid
Infrastructure





AENERGY 5000™ - 20 ft Container

Product Datasheet

	20 ft Container System	1P52S Pack
Battery Capacity	3768 Ah	314 Ah
Chemistry	LFP	LFP
Battery Energy	5015 kWh	52.24 kWh
Configuration	12P416S	1P52S
Nominal Voltage	1331.2 V	166.4 V
System Voltage	1040 V to 1497.6 V	130 V min / 187.2 V max
Charge / Discharge Rating	1884 A max / 2508.0 kW	157 A max / 26.1 kW max
Operating Humidity	5 ~ 95 % (No Condensation)	-
Operating Temperature	-20 °C to 55 °C	-20 °C to 55 °C
Recommended Operating Temp.	15 °C to 35 °C	15 °C to 35 °C
Storage Temperature	-40 °C to 60 °C	-40 °C to 60 °C
Recommended Storage Temp.	0 °C to 35 °C	0 °C to 35 °C
Dimension W*D*H	19.9 ft x 8.0 ft x 9.5 ft	3.6 ft x 2.6 ft x .8 ft
Weight	≈ 48 US ton	760 lbs
Fire Protection System	Rack level	Pack level
Protection Level	IP54	IP67
Communication Interface	LAN / RS485	CAN / LAN
Thermal Management	Liquid heating & cooling	Liquid heating & cooling
Certification	UL 9540 / UL 9540A / MSDS / UN38.3	UL 9540A / UL 1973 / MSDS
	RoHs / NFPA 69 / IEEE 693	UN38.3



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