



20FT CONTAINERIZED SOLUTION

DC PARAMENTER

Cell	LFP 3.2V/300Ah
Cell Cycle Life	8000 cycles @25±2°C, 0.5P/0.5P 90% DOD, 70% EOL
Module Configuration	24S1P
Rack Configuration	384S1P
System Configuration	10 Battery Racks
System Capacity (BoL)	3,686 kWh
DC Usable Energy (at 90% DoD)	3,318 kWh
Nominal Voltage	1,229V
Working Voltage Range	960 – 1,402 V
Charge/Discharge ratio	≤ 0.5C

GENERAL PARAMETER

Operating temperature	-20°C to 55°C
Relative Humidity	0 – 95%
Working Altitude	< 4000m
Cooling Concept	Active Liquid Cooling
Fire Suppression System	Potassium Aerosol
IP Rating	IP 55
Communication Interfaces	Ethernet
Communication Protocol	CAN; Modbus TCP/IP; Modbus RTU
Compliance (Current & Expected)	UL 1973, UL 60730-1, UL 9540, UL 9540A IEC 62619, IEC 62933-5-2, IEC 63056 UN38.3