

EnerTex PowerVault 3600



BATTERY PARAMETERS	ENERTEX POWERVAULT 3600
Battery Configuration	340S8P
Battery Nominal Voltage / Capacity	1156V / 2512Ah
Battery Energy	3440kWh / 3.44MWh
Cell Type / C-Rate	Lithium Ferro Phosphate (LFP) Prismatic Type @ 0.5C
Cell Nominal Voltage / Capacity	3.2V / 314Ah
Depth of Discharge (DoD)	95%
DC Operating Voltage Range	920V to 1200V
Battery Cycle Life	>10000 Cycles
Maximum Charge / Discharge Current	1800A
Battery Dimension (L×W×H)	6058 × 2438 × 2896 mm
Thermal Management	Advance Intelligent Liquid Cooling
Operating Temp. Range – Charging	0°C to 50°C (<85% RH) – Above 45°C Derating
Operating Temp. Range – Discharging	-20°C to 60°C (<85% RH) – Above 45°C Derating
Working Altitude	< 4000 mtr
Weight	40 T
SPECIAL BATTERY PARAMETERS	
Communication Interface	Modbus TCP/IP, CAN, RS485, Ethernet, IoT
Control & Communication	SCADA for Central control & monitoring, Standard industrial protocols
Fire Suppression System	Detectors: Flammable Gas, Smoke, Heat, Temperature, CO; Alarms (3 Levels); Ventilation System; Sprinkler System; Statutory Aerosol; Manual & Automatic Switching
Protection Class (IEC 60529)	IP55
Anti-Corrosion Degree	C4
System Designed Service Life	15 Years (with RTE Degradation)
CERTIFICATIONS	
Battery Cell	IEC62619, UL1973, UL9540A
Battery Pack	IEC60730-1, UN38.3, UL1973, UL9540A, UL60730-1
Battery Rack	IEC62619, IEC60730-1, IEC63056, IEC62477-1, UL1973, UL9540A, UL60730-1
System	IEC62477-1, IEC60730-1, EN IEC 61000-6-2/4, UN38.3, UN3536, UL9540, UL60730-1