



GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.

www.goldwind.com
Corporate_Comms@goldwind.com

GoldStack3.0 Pro

6.26 MWh Lithium-ion Battery Container



Enhanced Safety

High safety standard LFP battery
Active safety design from cell to system



Longer life Design

UP to 10000 cycles life
Liquid cooling technology to reduce battery degradation



Greater Adaptability

Perseverancein extreme environments
Environmentally friendly noise-optimised design



High Energy density

423kWh/m² Energy Density
20% Footprint Saved.



Rated output power [kW]	3130
Rated DC Current [A]	2351
Rated voltage range [VDC]	1331.2
DC voltage range [VDC]	1164.8~1497.6
Battery grouping	8 P416S
Rated duration of discharge [hrs]	≥2
Cell installed DC energy [kWh]	6261
Battery type	LFP (LiFePO4)
Battery capacity [Ah]	588
Cooling method	Liquid cooling
Noise [dB]	≤85@1m
Explosion prevention	Deflagration panel+Ventilation system+ Flammable Gas detector
Fire alarm	Smoke & Temperature Detectors +Audible and visual alarm+FACP
Fire suppression	Water spray & Aerosol
Enclosure Degree	IP55 C3H
Operation temperature	-35°C~55°C (derating above 45°C or below -15°C)
Operation humidity	0~95% No condensation
Altitude [m]	Maximum 4000 (>2000 derating)
Communication port	RS485 / Ethernet / CAN
Communication protocol	MODBUS-RTU / MODBUS-TCP / CAN / IEC104
Dimensions [WxDxH mm]	6058x2438x2896
Weight [kg]	≤48000
Code & Compatibility	UL9540A, UL1973, UN3536, UL9540, NFPA855 IEC62619, IEC63056, IEC61000, EC62477, IEC62933

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