VS261

261kWh Commercial Energy Storage



The VESS VS261 is an integrated lithium iron phosphate (LiFePO4) battery energy storage system for commercial and industrial applications. With liquid-cooled thermal management, integrated power conversion and energy management, it supports peak demand management, solar energy storage and efficient electricity use.

261.2 kWh	135 kW	Liquid-Cooled
Nominal energy capacity	Integrated PCS power	Battery thermal management

Technical Specifications

BATTERY SYSTEM	
Product name	VESS VS261
Application	Commercial & Industrial
Battery technology	Lithium Iron Phosphate (LiFePO4)
Battery cell	3.2V / 314Ah
Nominal energy capacity	261.2kWh
Nominal battery voltage	832V
Battery voltage range	702–936V DC
Depth of discharge	90%
Thermal management	Liquid-cooled
Fire protection	Aerosol extinguishing system
ELECTRICAL PERFORMANCE	
Integrated PCS power	135kW
Maximum AC output	148.5kVA
Rated AC voltage	480V
AC voltage range	408–528V
Rated grid frequency	60Hz
Total harmonic distortion	≤3% THDi
Communication	CAN / RS485 / Ethernet

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GENERAL SPECIFICATIONS	
Enclosure protection	IP54
Operating temperature	-20°C to +55°C
Operating humidity	0–95% RH, non-condensing
Maximum operating altitude	4,000m (derating above 2,000m)
Noise level at 1m	Below 75dB(A)
Dimensions (W × D × H)	Approx. 1,902 × 1,455 × 2,372mm
Weight	Approx. 2,835kg
Manufacturer warranty	5 years

Specification note: The electrical values above refer to the previously discussed manufacturer 480V / 60Hz configuration. Confirm the exact VESS VS261 model, 400V / 50Hz compatibility, certifications, dimensions and warranty before publishing for UK or Irish customers.