



WC-ENS-02

smart energy storage



High integration, short delivery cycle



Intelligent battery management technology, max efficiency >90%



Multi-level safety alerts and protective measures



Intelligent thermal management technology



Real-time revenue outlook, remote upgrade services



Cloud-based control, easy to operate and maintain both sides



WC-ENS/02

DC DATA

Battery Capacity	232.9kWh
System Nominal Voltage	830V
Battery voltage Range	725~932V
Cell Type	LFP 290Ah

AC DATA

Nominal Voltage	400V aC
Nominal Power	100kW
Nominal Frequency	50/60Hz
Power Factor	>0.98
On/Off Grid Switch	Manual/automatic (optional)

CONTROL DATA

Communication Interface	RS485/CAN/Ethernet
Communication Protocol	MODBUS-RTU /MODBUS-TCP/CAN2.0B/IEC61850

SYSTEM DATA

Max. System Efficiency	>92%
Charge/discharge Rate	≤0.5P
Cycle Times	6000 times
Ambient Operating Temperature Range	-25~55℃ (>45℃ derating)
Relative Humidity	5~95%RH, non-condensing
Noise	<70dB
Max. Working Altitude	≤4000m(>2000m derating)
IP Rating	IP55
Cooling Concept	Liquid-cooled
Fire Suppression System	PACK level fire protection + active warning
Dimensions(WxDxH)	1400x1340x2230mm
Weight	≤2.8t



Specifications are subject to change without prior notice!

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