

On-Grid ESS

ALL-IN-1: LIQUID COOLED

IES 200-233-L



Safety System

Integrates multi-level warnings (gas/water-fire protection, exhaust) for your asset safety.



Intelligent O&M

One-click management, remote commissioning, and seamless grid switching for a hassle-free operation.



Profit Maximization

One-on-one management for batteries cluster, reduce thermal risks, prevents inter-cluster issues, enhances stability, lowers costs, and adapts to various scales.



High Rate Switching

Equipped with advanced 1C high-capacity cells, it easily empowers you to handle high-demand scenarios like frequency modulation and capacity expansion.

INFINITE | ENERGY | STORAGE

All-in-One: Liquid Cooled		IES-200-233-L	
Cell Technology	LFP-3.2V / 280Ah		
Battery Module	46.592 kWh, 166.4 V		
Number of Packs	5		
Battery Pack Protection Level	IP 67		
Battery System Rated Capacity	232.96 kWh		
Battery System Rated Voltage	832 V		
Battery System Rated Current	280 A		
Battery System Voltage Range	650 V - 949 V		
Battery System Charge/Discharge Rate	1P		
AC SIDE PARAMETERS			
Rated Power	200 kW		
Rated Voltage	400 V ± 15%		
Rated Frequency	50Hz / 60Hz		
Maximum Output Current	334 A		
Rated Factor	-1~1		
Charge/Discharge Switching Times	<100ms		
PCS Maximum Efficiency	98.5%		
Overload Capacity	110%(Long Term), 120%(1min)		
OTHER PARAMETERS			
Dimension (W×D×H)	1000 x 1450 x 2300 mm 39.37 x 57.09 x 90.55 inch		
Weight	2500 kg (5511.56 lbs)		
Heat Dissipation Method	Liquid Cooling		
Ingress Protection Rating	IP 55		
Firefighting	Aerosol + Combustible Gas Detection and Exhaust		
STANDARD COMPLIANCE			
Compliance	UN 38.3 / EN 62477-1 / EN IEC 61000-6-2 / EN IEC 61000-6-5 / IEC62619		