

Tensorpack M



All-in-One Microgrid System

Achieve uninterrupted power with automatic switchover to battery backup within 20ms of a power outage. Delivers reliable emergency power without disruption.

Versatile Hybrid Integration

Equipped with a built-in hybrid inverter, the system easily connects to solar, diesel generators, the grid, and batteries, enabling intelligent multi-source control. Reduces fuel consumption by up to 70%.

High-Performance Battery

Utilizes advanced CATL 314Ah LFP battery cells with over 8,000 charge-discharge cycles. Maintains 70% capacity at end-of-life under standard temperature conditions.

Plug-and-Play Deployment

Factory pre-installed and tested for fast deployment. On-site setup and commissioning takes less than 8 hours—quick, simple, and efficient.

Comprehensive Safety Design

Layered protection from cell to system. Features include full-range fault alerts, electrical protection, and dual fire suppression using aerosol and water-based systems.

Tensorpack M Hybrid System		
Model Type	50kW/120kWh	
System Parameters		
Rated Energy	120kWh	
DC Voltage Range	336V-432V	
AC Rated Voltage	400V	
AC Side Rated Frequency	50/60Hz	
Hybrid Inverter Rated Power	50kW	
Connection Method	Grid	3P4W
	DG	3P4W
	Critical Load	3P4W
	PV	3P4W
C Rate	0.5P	
Operating Temperature	-30°C ~ + 55°C	
Altitude	≤2000m	
General Parameters		
Dimension	Without Inverter	766mmx1300mmx2070mm
	With Inverter	1100mmx1300mmx2070mm
Weight	Without Inverter	1.3T
	With Inverter	1.4T
Ingress Protection	Battery Cabinet	IP55
	Inverter	IP65
Cooling Method	Air Cooling	
Aux Power Supply	~1.5kW	
Certifications		
System	IEC62619, IEC63056, IEC62477, IEC60730, IEC61000	