



02 Integrated cabinet




Description:


The all-in-one cabinet adopts fully enclosed one-piece design, outdoor type with IP54 protection level, and the cabinet integrates the advantages of high safety and long-life battery system, balanced BMS system, high-performance AC/DC converter, precision liquid-cooled temperature control system, and safe and high-efficiency fire-fighting system, which can realise the value of load tracking, peak shaving and valley filling, power capacity expansion, and emergency power backup


 Each cluster forms an independent fire zone, high safety level

 Excellent battery performance and long service life

 Modular design, easy production and installation

 Seamless switching, dual circuit redundant power supply

 Safe and reliable Listed manufacturers of batteries, cost-effective

 Cost-optimised, small size and light weight

HXY-YTG	
Maximum System Efficiency	≥91%@0.25P
	≥89%@0.5P
Charge/discharge efficiency	≤0.5P
Depth of discharge	0-100%DOD
SOE estimation accuracy	<3%
Cooling capacity	5.0KW
Cycle times	>6000次@80%DOD
Charge/discharge switching time	<100ms
Communication Interface	LAN
Protect	IP55
Cooling method	液冷
Working Temperature	-20-55℃
Relative Humidity	5-95%RH, non-condensing
Noise level	<75dB
Cooling Input Power	2.4kW
Altitude	<2000m
Size	1510×2200×1400mm
Fire-fighting system option	Perfluorohexanone + active warning
Weight	2700KG