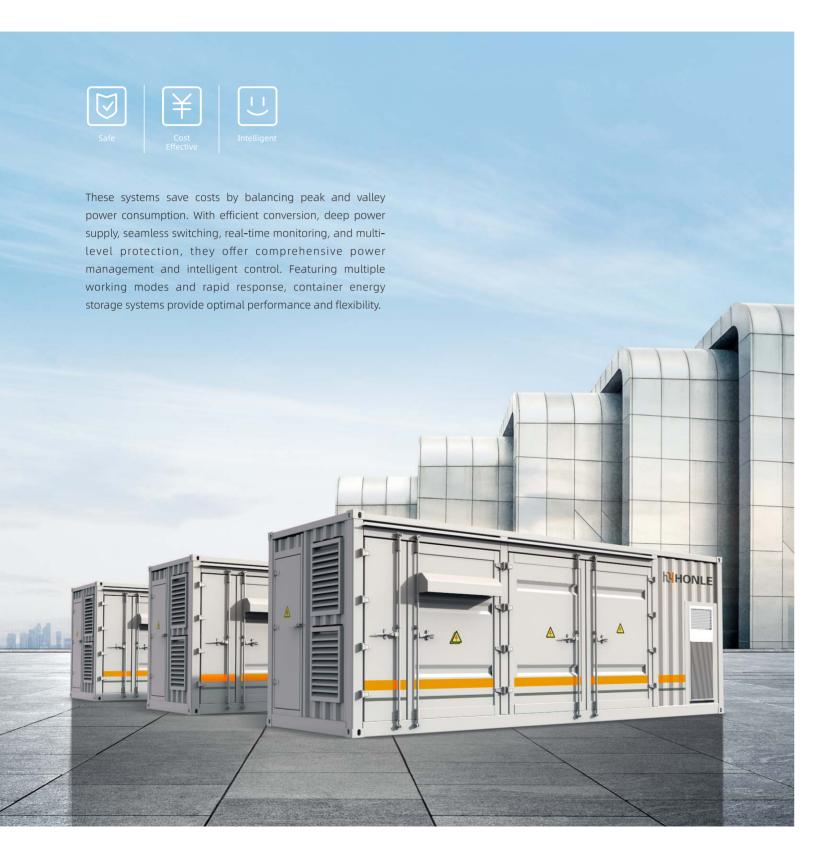


Container Energy Storage

INDUSTRIAL



Technical indicators	HL525KWH-250	HL1051KWH-250	
Battery Parameter			
Battery Model	3.2V120Ah	3.2V120Ah	
System Battery Configuration	228S6P	228S12P	
Rated Capacity	525kWh	1051kWh	
Voltage Range	616-832V	616-832V	
BMS Communication Interface	Ethernet,RS485	Ethernet,RS485	
BMS Protocol	Modbus RTU ,Modbus TCP	Modbus RTU ,Modbus TCP	

	AC Side Parameter				
	Rated Power	250kVA	250kVA		
	MAX OUTPUT	275kVA	275kVA		
	THID	< 3% (At rated power)	< 3% (At rated power)		
	DC Component	< 0.5% (At rated power)	< 0.5% (At rated power)		
	Rated Output Voltage	400V	400V		
	Grid Voltage Range	310-450V	310-450V		
	Power Factor	> 0.99 (At rated power)	> 0.99 (At rated power)		
	Adjustable Range of Power Factor	0.9 (Leading)-0.9 (Lagging)	0.9 (Leading)-0.9 (Lagging)		
	Rated Grid Frequency	50Hz	50Hz		
	Power Grid Frequency Range	45-55Hz	45-55Hz		
	Isolation Way	Transformer Isolation	Transformer Isolation		
	Off Grid Rated Output Voltage	400V	400V		
	Distortion Rate of Off Grid Output Voltage	< 3% (Linear Load)	< 3% (Linear Load)		

System Parameter			
Inverter Carton Size	600*900* 1500mm	600*900*1500mm	
Battery Container Size	600*600*2000mm	600*1000*2000mm	
Weight of Converter Container	2.8T	2.8T	
Weight of battery container (With battery/Without battery)	9.6T/5.0T	(9.6T/5.0T)*2	
IP Code	IP54	IP54	
Operating Temperature Range	-30 ~+50 ℃	-30 ~+50 ℃	
Operating Humidity Range	0 ~ 95% (Non-condensing)	0 ~ 95% (Non-condensing)	
Max Working Altitude	2000m (>2000m Frequency reduction required)	2000m (>2000m Frequency reduction required)	
Battery Temperature Control Mode	Industrial temperature controlled air conditioner	Industrial temperature controlled air conditioner	
Inverter Cooling Mode	Temperature controlled forced air cooling	Temperature controlled forced air cooling	
Fire Alarm System (Battery Container)	FM200	FM200	
System Communication Interface	Ethernet,RS485	Ethernet,RS485	
System Communication Protocol	Modbus RTU ,Modbus TCP ,IEC 104	Modbus RTU ,Modbus TCP ,IEC 104	

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