



**Resident**



**Data Center**



**Commerce**



**Industry**



**Modularization &  
Automatic Recognition**



**Remote diagnosis &  
Software upgrades**



**Low voltage monitoring &  
Automatic Restart**



**IP54 dustproof and  
waterproof grade**

Technical Paramet	HY LW10-48 LFP	
Rated Capacity (kWH)	10.5	
Available capacity(kWH)	9.2	
Type of cell	LFP (LiFeP04)	
Cell configuration	16S1P	
Rated voltage (V)	51.2	
Operating voltage range (V)	48~57.6	
Maximum Charging Current(A)	100	
Rated charge/discharge power (kW)	5.12	
Recommended discharge depth	90%	
Parallel Quantity	≤8	
Ambient temperature range	Charge:0°C~50°C	Discharge: -10°C~50°C
Dimension(W/D/H)(mm)	554*264*794	
Weight(kg)	99	
Humidity	0~95%	
Installation method	Cabinet type	
Communication interface	IP54	
Authentication	CAN/RS-485	
Protection mode	Duplicate protection	
Battery protection	Overcharge/Overdischarge/Overcurrent/Short Circuit/Overheat	
Certification	IEC62619,IEC61000,UN38.3	
Number of cycles	≥6000 times (80%DOD,25°C)	
Altitude	≤2000m	

1: Test conditions, cell voltage is 2.5~3.65V, new batteries are charged and discharged at +25±2 °C 0.5C, the available power may vary depending on the inverter;

2: The rated charge and discharge current and power will change due to temperature and SOC;

