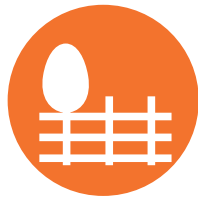




**Communication  
base station**



**Nomadic**



**Farm**



**Residential  
electricity**



**Modular design method that is  
easy to be maintained**



**Easy to install and operate**



**Stable power supply, safe and  
reliable, capacity can be customized**



**Excellent performance  
standards, long cycle life**



**Real-time monitoring, remote  
tracking system running status**



**On-grid or off-grid operation, suitable  
for various application scenarios**

Technical Paramet	HY L05-48 LFP	HY L10-48 LFP	HY L15-48 LFP	HY L20-48 LFP
Rated capacity(kWh)	5.1	10.2	15.3	20.4
Available capacity(kWh)	4.5	9.1	13.6	18.1
Type of cell	LFP(LiFePO4)			
Cell configuration	16S1P	16S2P	16S3P	16S4P
Rated voltage(V)	51.2			
Operating voltage range(V)	48~57.6			
Rated charge/discharge current(A)	50	100	150	200
Rated charge/discharge power(kW)	2.88	5.76	8.64	11.52
Recommended discharge depth	90%			
Work environment	Indoor			
Ambient temperature range	Charge:0°C~45°C		Discharge:-10°C~55°C	
Dimension(mm)	615*413*154(HY L05-48 LFP)			
Weight(kg)	43	98	147	196
Humidity	0~95%			
Cooling type	Natural cooling			
Shell material	Metal			
Colour	Black/ white			
Installation method	Cabinet type			
Degree of protection	IP51			
Communication Interface	CAN/RS485			
Protection mode	Duplicate protection			
Battery protection	Overcharge/Overdischarge/Overcurrent/Short Circuit/Overheat			
Authentication	IEC 62619, IEC 61000, UN38.3			
Self discharge	≤3%/month			
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;

