

# Low-voltage battery pack(3U)



Resident



Data Center



Commerce



Industry

## Product features:



Modular design, easy to maintain



Fast installation, easy to operate



The dynamic power supply is stable, safe and reliable, and the capacity can be customized.



Excellent performance standard, long cycle life



Real-time monitoring, can remotely track the system running status



Grid-connected or off-grid operation, suitable for various application scenarios

# Honey Home L Series



technical parameter	HY L05-48 LFP	HY L10-48 LFP	HY L15-48 LFP	HY L20-48 LFP
Rated capacity(kWh)*	5.4	10.8	16.2	21.6
Available capacity(kWh)*	4.8	9.6	14.4	19.2
Cell type	LFP (LiFePO4)			
Cell configuration	16S1P	16S2P	16S3P	16S4P
Rated voltage (V)	51.2			
Operating voltage range (V)	48~57.6			
Rated discharge current (A)	50	100	150	200
Rated charge/discharge power (kW)	2.88	5.76	8.64	11.52
Short-circuit current	2.323kA@1.0ms			
Peak power (discharge only) (kW)	6	12	18	24
Recommended discharge depth	89%			
Work environment	indoor			
Ambient temperature range	Charge: 0°C~45°C		Discharge: -10°C~55°C	
Dimension	448*500*135 (HY L05-48 LFP)			
Weight (kg)	51	102	153	204
Humidity	20~60%No condensation free			
Overvoltage category	II			
Cooling type	natural cooling			
Housing material	metal			
Colour	Black / white			
Installation method	Wall hanging type / cabinet type			
Degree of protection	IP20			
Protection class	I			
Warranty period	10 years			
communication interface	CAN/RS485			
Protection mode	duplicate protection			
Battery protection	Overcurrent / overvoltage / short circuit / undervoltage			
Authentication	CE&TUV (IEC 62619, IEC 62040)			
Category of dangerous goods catalogue	9			
Transportation certification	UN38.3			
Self discharge	≤3%/month			
Number of cycles	6000times (80%DOD, 25°C)			
Altitude	0~4000m (No derating below 2000m)			

The test data is measured in a room with a temperature of 25 °C

The total capacity/usable capacity is measured at a charge discharge rate of 0.2C CC-CV