



TH Battery

- Large cell capacity & low voltage
- Parallel connections for bigger capacity
- Heating pads to pre-warm the cells in low room temperature
- High quality components including battery elements
- Safety, particularly suitable for households with children and pets



TH Battery

TH-48-LV280-1.0		Units
Performance Specification		
Battery type	LiFePO4	
Total energy capacity	>15	kWh
Nominal energy capacity	14.2	kWh
Charge Voltage	55.2-56.6	V
Max charge/discharge Current	150A @25±2°C	A
General Data		
Weight	129	kg
Dimensions	715x455x255	mm
Storage temperature range	-20 ~ 50	°C
Charging temperature range	0 ~ 50	°C
Discharging temperature range	-10 ~ 50	°C
Relative humidity range	10% - 85% (non-condensing)	
Cooling	Natural convection	
IP level	Indoors	
Installation method	Floor standing	
Built in heaters	2 x 100W	
Standard Compliance		
Standard	UN 38.3, CE, IEC/EN 62619, EVS-EN IEC 61000-6-1:2019, EVS-EN IEC 61000-6-3:2021	



Number of battery modules	1	2	3	4	pcs
Energy capacity	14.2	28.4	42.6	56.8	kWh
Charge / discharge power	7.2	14.3	21.5	28.7	kW
Peak discharge power (30 ms)	15.4	30.7	46.1	61.4	kW
Total weight	129	256	387	516	kg
Total height (with base)	410	675	940	1205	mm
Total width	455				mm
Total depth	715				mm