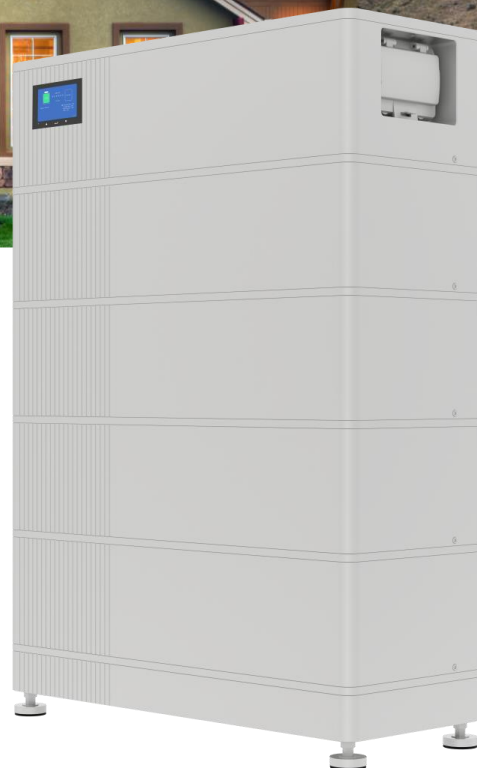




HV SERIES Battery

HV Series battery sparkling with innovation, provides you with intelligent integration storage solutions.

There are 2 models under high voltage platform, which are H2500 and H3300. H2500 is a power type with a capacity of 2.5kWh, 102.4 V in each battery stack. H3300 is an energy type with a capacity of 3.2 kWh, 64 V in each battery stack. Both of them can handle up to a voltage of 600 V sharing our minted Smart BMS.



Smart System Design

- LFP Chemistry
- Automatic Battery System Configuration (set-up free)
- H2500 and H3300 for all applications
- No DC/DC, high efficiency system layout
- Automatic Inverter Configuration (set-up free)
- Intelligent Display (Key Info, Err code, SOC)
- 1 and 3 phase, on grid / off grid / backup support
- Up to 6 towers in parallel

Smart Installation Design

- Stackable Design, Easy Installation
- Plug-Play (Direct Connect RJ45)
- IP65 Protection
- Slim and Compact, $\leq 36.5\text{kg}$ / Stack
- Aluminum Housing

H2500-SYSTEM

Number of Stacks	2	3	4	5
Usable Energy	5.0 kWh	7.5 kWh	10.0 kWh	12.5 kWh
Max Output Current	25 A	25 A	25 A	25 A
Peak Output Current	50 A (5s)	50 A (5s)	50 A (5s)	50 A (5s)
Nominal Voltage	204.8 V	307.2 V	409.6 V	512 V
Operating Voltage Range	172.8~233.6 V	259.2~350.4 V	345.6~467.2 V	432~584 V
Scalability	Up to 6 towers (From 5.0 kWh to 75 kWh)			
Dimensions (H*W*D) (mm)	625* 650* 260	800* 650* 260	975* 650* 260	1150* 650* 260
Weight	90 kg	125 kg	160 kg	195 kg

H3300-SYSTEM

Number of Stacks	3	4	5	6	7	8
Usable Energy	9.6 kWh	12.8 kWh	16.0 kWh	19.2 kWh	22.4 kWh	25.6 kWh
Max Output Current	30 A	30 A	30 A	30 A	30 A	30 A
Peak Output Current	50 A (5s)	50 A (5s)	50 A (5s)	50 A (5s)	50 A (5s)	50 A (5s)
Nominal Voltage	192 V	256 V	320 V	384 V	448 V	512 V
Operating Voltage Range	162~219 V	216~292 V	270~365 V	324~438 V	378~511 V	432~584 V
Scalability	Up to 6 towers in parallel (From 9.6 kWh to 153.6 kWh)					
Dimensions (H*W*D)	800* 650* 260 mm	975* 650* 260 mm	1150* 650* 260 mm	1325* 650* 260 mm	1500* 650* 260 mm	1675* 650* 260 mm
Weight	129.5 kg	166 kg	202.5 kg	239 kg	275,5 kg	312 kg

Battery Stack

MODEL	H2500	H3300
Battery Cell Technology	LFP	LFP
Operation Temperature	-10~55 °C	-10~55 °C
Usable Energy	2.5 kWh	3.2 kWh
Nominal Voltage	102.4 V	64 V
Operating VoltageRange	86.4~116.8 V	54~73 V
Max Output Current	25 A	30 A
Peak Output Current	50 A (5s)	50 A (5s)
Dimensions (H/W/D)	175* 650* 260 mm	175* 650* 260 mm
Weight	≤ 35 kg	≤ 36.5 kg

Smart BMS

Operating Voltage Range	120~600 V
Max Output Current	30 A
Peak Output Current	50 A (5 s)
Communication	CAN 2.0 / RS485
Dimensions (H/W/D)	180* 650* 260 mm
Weight	≤ 20 Kg
H2500- SYSTEM	2 To 5 Stacks
H3300- SYSTEM	3 To 8 Stacks