

HENNDIPOWER ENERGY
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ENERGY STORAGE SOLUTIONS



Cooperative Partners



Solutions



Residential energy storage system designed for smart villa
Rebuild the mode of electricity consumption



Ultimate Beauty

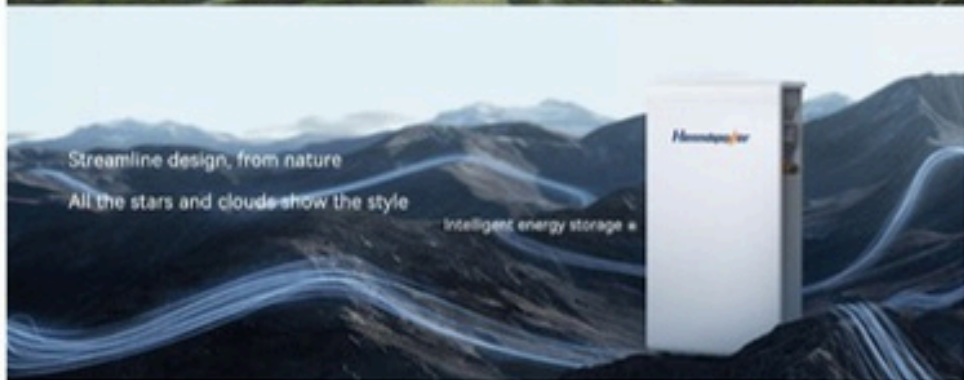
Stylish and simple, all black BC no grid line
Veneer installation, symmetrical aesthetics



Family design, pure and white
High quality



Streamline design, from nature
All the stars and clouds show the style



Ultimate Technology

Module 500W power, generating capacity up to 30%
Battery-level optimization without fear
of local shadow occlusion

Full house equipped with electricity, up to 36kW*
20 milliseconds switch, no power failure

Single module 16kWh, can increase power
consumption by more than 40%*
Maximum configuration 256kWh

Extreme Security

Triple protection over the house

AFCI
Fast and accurate arc
shutdown in 0.5 seconds

In 30 seconds
Fast reduction
to safe voltage

More credible
High temperature inhibition,
anti-crack

0V

Five-fold protection under the house

Structural level protection

Hennessy

Electric core
grade protection

Emergency protection

Active protection

Electrical grade
protection

Wall Mounted Batteries

•5KWh-15KWh



Safety LiFePO4
LFP Battery Chemistry



Easy Installation
Plug and Play



Capacity Expandable
Up to 16 Units in Parallel



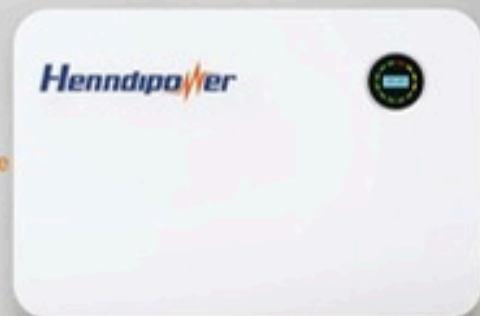
Stable & Reliable
Smart BMS



Long Battery Life
>6,000 Cycles Life
(90% DOD)



Widely Compatible
Compatible with
Mainstream Inverters



Model	SNE-ES SW5.0	SNE-ES SW10.0	SNE-ES SW16.0
Battery Type	51.2V 100Ah LiFePO4	51.2V 200Ah LiFePO4	51.2V 300Ah LiFePO4
Nominal Energy(KWh)	5.1	10.2	16.4
Usable Energy(KWh)	4.6	9.2	14.8
Peak Output Power (KW, 3 Seconds)	7.7	10.2	15.4
Round-Trip Efficiency	>97.5%		
Nominal Voltage(V)	51.2V		
Operating Voltage(V)	44-58.4		
Max Charge/Discharge Current(A)	100	150	200
Communication	CAN, RS485		
Enclosure Protection Rating	IP21		
Operating Temperature (°C)	-20 - 60		
Cooling Type	Natural Cooling		
Installation	Wall Mounted, Indoor		
Cycles Life	>6,000@25°C		
Design Life	20+ Years (25°C@77%)		
Recommend DOD	90%		
Dimension (W*H*D, mm)	650*430*155	780*540*155	880*570*165
Weight (kg)	48	88	133
Humidity	5% - 95%		
Altitude (m)	<2,000		
Warranty	5 Years		
Safety Standard	UL1973/IEC62619/UN38.3		
Scalability	Max 16 Pcs in Parallel		

Wall Mounted Batteries

•5KWh-10KWh



Safety LiFePO4
LFP Battery Chemistry



Easy Installation
Plug and Play



Capacity Expandable
Max 16 Pcs in Parallel



Reliable & Qualified
Smart BMS



Long Battery Life
>6,000 Cycles Life
(90% DOD)



Widely Compatible
Compatible with
Mainstream Inverters



Model	SNE-ES W5.0	SNE-ES W10.0
Battery Type	48V 100Ah LiFePO4	48V 200Ah LiFePO4
Nominal Energy(KWh)	4.8	9.6
Usable Energy(KWh)	4.3	8.6
Peak Output Power (KW, 10 Seconds)	7.2	7.2
Round-Trip Efficiency	>97.5%	
Nominal Voltage(V)	48V	
Operating Voltage(V)	42-54.5	
Max Charge/Discharge Current(A)	100/100	
Communication	CAN, RS485	
Enclosure Protection Rating	IP21	
Operating Temperature (°C)	-20 - 60	
Cooling Type	Natural Cooling	
Installation	Wall Mounted, Indoor	
Cycles Life	>6,000(25°C)	
Design Life	20+ Years (25°C@77%)	
Recommend DOD	90%	
Dimension (W*H*D, mm)	480*500*240	530*630*240
Weight (kg)	46	86
Humidity	5% - 95%	
Altitude (m)	<2,000	
Warranty	5 Years	
Safety Standard	UL1973/IEC62619/UNC38.3	
Scalability	Max 16 Pcs in Parallel	

Rack Mounted Batteries

•5KWh •10KWh



Safety LiFePO4
LFP Battery Chemistry



Easy Installation
Plug and Play



Stable & Reliable
Smart BMS



Long Battery Life
>6,000 Cycles Life
(90% DOD)



Widely Compatible
Compatible with
Mainstream Inverters



Model	SNE-ES G5.0	SNE-ES G10.0
Battery Type	48V 100Ah LiFePO4	48V 200Ah LiFePO4
Nominal Energy(KWh)	4.8	9.6
Usable Energy(KWh)	4.3	8.6
Peak Output Power (KW, 10 Seconds)	7.2	7.2
Round-Trip Efficiency	≥97.5%	
Nominal Voltage(V)	48V	
Operating Voltage(V)	42-54.5	
Max Charge/Discharge Current(A)	100/100	
Communication	CAN, RS485	
Enclosure Protection Rating	IP21	
Operating Temperature (°C)	-20 - 60	
Cooling Type	Natural Cooling	
Installation	Rack Mounted, Free Stand, Indoor	
Cycles Life	>6,000(25°C)	
Design Life	20+ Years (25°C@77%)	
Recommend DOD	90%	
Dimension (W*H*D, mm)	442*138*470	442*232*500
Weight (kg)	42	77
Humidity	5% - 95%	
Altitude (m)	≤2,000	
Warranty	5 Years	
Safety Standard	UL1973/IEC62619/UNC3.3	
Scalability	Max 16 Pcs in Parallel	

Free Stand Lithium Ion Batteries

• 10.24KWh • 16.38KWh



WiFi & Bluebooth
Smart BMS



Safety LiFePO4
LFP Battery Chemistry



Easy Installation
Plug and Play



Expandable
Max 16 Pcs in Parallel



Reliable & Qualified
Smart BMS



Widely Compatible
Compatible with
Mainstream Inverters

Henndipower



Model	SNE-ES F10	SNE-ES F16
Battery Type	51.2V 200Ah LiFePO4	51.2V 320Ah LiFePO4
Nominal Energy(KWh)	10.24	16.38
Usable Energy(KWh)	9.2	14.8
Peak Output Power (KW, 10 Seconds)	10.24	15.36
Round-Trip Efficiency	>97.5%	
Nominal Voltage(V)	51.2V	
Operating Voltage(V)	44-58.4	
Max Charge/Discharge Current(A)	150/150	200/200
Communication	CAN, RS485	
Enclosure Protection Rating	IP21	
Operating Temperature (°C)	-20 - 60	
Cooling Type	Natural Cooling	
Installation	Free Stand, Indoor	
Cycles Life	>6,000(25°C)	
Design Life	20+ Years (25°C@77%)	
Recommend DOD	90%	
Dimension (W*H*D, mm)	851*613*150	573*981*168
Weight (kg)	85	130
Humidity	5% - 95%	
Altitude (m)	<2,000	
Warranty	5 Years	
Safety Standard	UL1973/IEC62619/UN38.3	
Scalability	Max 16 Pcs in Parallel	

Stackable LV Lithium Batteries 5KWh in Parallel Connection

• 5.12KWh-30.72KWh



Safety LiFePO4
LFP Battery Chemistry



Easy Installation
Plug and Play



Stackable for More Energy
Max 8pcs in Parallel



Stable & Reliable
Smart BMS



Long Battery Life
>6,000 Cycles Life
(90% DOD)



Widely Compatible
Compatible with
Mainstream Inverters



Model	SNE-ES LV5.0	SNE-ES LV10.0	SNE-ES LV15.0	SNE-ES LV20.0	SNE-ES LV25.0	SNE-ES LV30.0
Nominal Energy(KWh)	5.1	10.2	15.4	20.5	25.6	30.7
Usable Energy(KWh)	4.6	9.2	13.8	18.4	23.0	27.7
Nominal Voltage(V)	51.2					
Operating Voltage(V)	44-58.4					
Recommend Charge/Discharge Current (A)	50/50	100/100	150/150	200/200	250/250	300/300
Max Charge/Discharge Current(A)	100/100	200/200	300/300	400/400	500/500	600/600
Round-Trip Efficiency	≥97.5%					
Communication	CAN, RS485					
Charge Temperature(°C)	0-50					
Discharge Temperature(°C)	-20 - 60					
Weight (kg)	48	96	144	192	240	288
Dimension (W*H*D, mm)	650*220*350	650*440*350	650*660*350	650*880*350	650*1100*350	650*1320*350
Module Number	1	2	3	4	5	6
Enclosure Protection Rating	IP21					
Recommend DOD	90%					
Cycles Life	> 6,000@25°C					
Design Life	20+ Years (25°C@77%)					
Humidity	5% - 95%					
Altitude (m)	≤2,000					
Installation	Stackable					
Warranty	5 Years					
Safety Standard	UL1973/IEC62619/UN38.3					

Stackable HV Lithium Batteries 5KWh in Series Connection

• 5.12KWh-30.72KWh



Safety LiFePO4
LFP Battery Chemistry



Easy Installation
Plug and Play



Stackable for More Energy
Max 900Vdc High Voltage



Stable & Reliable
Smart Master BMS



Long Battery Life
>6,000 Cycles Life
(90% DOD)



Widely Compatible
Compatible with
Mainstream Inverters



Model	SNE-ES HV5	SNE-ES HV10	SNE-ES HV15	SNE-ES HV20	SNE-ES HV25	SNE-ES HV30
Nominal Energy(KWh)	5.1	10.2	15.4	20.5	25.6	30.7
Usable Energy(KWh)	4.6	9.2	13.8	18.4	23.0	27.7
Nominal Voltage(V)	102.4	204.8	307.2	409.6	512.0	614.4
Recommend Charge/Discharge Current (A)	30/30					
Max Charge/Discharge Current(A)	35/35					
Round-Trip Efficiency	~97.5%					
Communication	CAN, RS45					
Charge Temperature(°C)	0-50					
Discharge Temperature(°C)	-20 - 60					
Weight (kg)	73	122	171	220	269	318
Dimension (W*H*D, mm)	700*380*430	700*543*430	700*706*430	700*869*430	700*1032*430	700*1195*430
Module Number	1	2	3	4	5	6
Enclosure Protection Rating	IP54					
Recommend DOD	90%					
Cycles Life	~ 6,000(25°C)					
Design Life	20+ Years (25°C@77°F)					
Humidity	5% - 95%					
Altitude (m)	<2,000					
Installation	Stackable					
Warranty	5 Years					
Safety Standard	UL1973/IEC62619/UN38.3					

Off Grid All-In-One System

- 5KW/8KW-Inverter
- 5.12KWh-30.72KWh-Lithium Battery



Safety LiFePO4
LFP Battery Chemistry



Easy Installation
Plug and Play



Stackable for More Energy
5-30KWh Expandable



Stable & Reliable
Multiple Working Modes



Different Inverters
500W - 10KW Selectable



Easy Service
Remove and Replace New



Inverter:

Model	SNE-HP-50248	SNE-HP-80248
Rated Power	5000W	8000W
Peak Power(20ms)	15KVA	24KVA
Size(W*H*D mm)	700*165*430	
Weight(kg)	23	27
MPPT Continue Voltage Range	120VDC-450VDC	
Max PV Input Power	6000W*1	4000W*2
Rated AC Input Voltage	220VAC/230VAC/240VAC	
Rated AC Input Frequency	50Hz/60Hz	

Battery:

Model	SNE-ES LV5.1	SNE-ES LV10.2	SNE-ES LV15.3	SNE-ES LV20.4	SNE-ES LV25.6	SNE-ES LV30.7
Nominal Energy(KWh)	5.1	10.2	15.4	20.5	25.6	30.7
Usable Energy(KWh)	4.6	9.2	13.8	18.4	23.0	27.7
Nominal Voltage(V)	51.2					
Recommend Charge/Discharge Current (A)	50/50	100/100	150/150	200/200	250/250	300/300
Max Charge/Discharge Current(A)	100/100	200/200	300/300	400/400	500/500	600/600
Round-Trip Efficiency	>97.5%					
Communication	CAN, RS485					
Charge Temperature(°C)	0-50					
Discharge Temperature(°C)	-20 - 60					
Weight (kg)	54	103	152	201	250	299
Dimension (W*H*D, mm)	700*185*430	700*330*430	700*475*430	700*620*430	700*765*430	700*910*430
Module Number	1	2	3	4	5	6
Enclosure Protection Rating	IP21					
Recommend DOD	90%					
Cycles Life	> 4,000@25°C					
Design Life	20+ Years (25°C@77%)					
Humidity	5% - 95%					
Altitude (m)	<2,000					
Installation	Stackable					
Warranty	5 Years					
Safety Standard	UL 1973/IEC62619/UN38.3					