

All-In-One (HV) (5-20) kW

**Smarter Power Better Life** 





# ALL-IN-ONE 5-20kW

**Compared With Separate Installation** 



# All-in-one

after-sales service

- 10-year warranty. Replace new machines instead of repairing.\*
- No need to worry about after-sales between inverters and batteries of different brands.
- \* For critical parts quality issues

Saves

20% space

- $\hbox{$\cdots$ Integrated humanized design, removed redundant cables.} \\$
- · · Adds points to beauty and attractiveness.





20% reduction in installation time

Stack installation with Plug & Play connection.

• Makes the installation process time-saving, cost-effective and worry-free.

Integrated AC Charger, Plug & Play

• Charging electric vehicles with clean energy, effectively save charging costs.



## All-in-one System Single Phase (HV) (5-10) kW

Type Designation	All-in-one sys-5kW-SH	All-in-one sys-6kW-SH	All-in-one sys-8kW-SH	All-in-one sys-10kW-	
PV (input)					
	12000	12000	16000	20000	
Max. recommended PV array power [Wp]  Max. PV input voltage [V]	12000	13000	16000	20000	
Min. operating PV voltage [V]			00		
itart-up input voltage [V]	_	50			
ated PV input voltage [V]			50		
IPPT voltage range [V]			560		
lo. of MPPT/Strings per MPPT	2 (1			1/1/1)	
lax. PV input current [A]	32 (10		64 (16/16/16)		
lax. DC short-circuit current [A]	40 (20	,	80 (20/20/20)		
lax. current for each input connector [A]		,	10	,	
lattery					
attery type			battery		
lax. charge/discharge current [A]	30/			0/50	
ominal voltage range [V]	192-512 (64 per module) 9.6 kWh-25.6 kWh (3.2 kWh/50 Ah per module)				
ominal capacity range		· · · · · · · · · · · · · · · · · · ·			
umber of connectable modules		3-8 m	odules		
ackup Output (On-Grid Mode)					
ated output power [W]	60	6000 14500		1500	
ated output current [A]	2			63	
	أحريب والمتاريخ				
ackup Output (Off-Grid Mode)					
ated output power	5000 W / 5000 VA	6000 W / 6000 VA	8000 W/8000 VA	9999 W/9999 VA	
eak output power	8400 V			VA, 10s	
ackup switching time [ms]			10		
ited voltage [V]			240 (±2%)		
equency range [Hz]		50/60	(±0.5%)		
otal harmonic distortion		<	:2		
HDv, rated power, linear load) [%]					
rid (input/output)					
ax. AC input power from grid [VA]	12000	13000	14	1500	
ited AC output power [W]	5000	6000	8000	9999	
ax. AC output power [VA]	5000	6000	8000	9999	
ated AC output current (at 230V) [A]	21.8	26.1	36.4	45.5	
ax. AC output current [A]	22.8	27.3	36.4	45.5	
ated AC voltage [V]			30/240		
C voltage range [V]	154-276				
ated grid frequency [Hz]	50/60				
rid frequency range [Hz]	45-55/55-65				
otal harmonic distortion			2		
「HDi, rated power) [%]		<	3		
ower factor at rated power		> 0	.99		
djustable power factor		adjustable 0.8.lea	ding to 0.8 lagging		
ffciency					
ax. effciency/European effciency [%]	97.70/	07.20	97.40/96.80	97.50/97.10	
	97.707	57.30	97.40/90.00	97.50/97.10	
rotection & Function					
rge protection					
and the management of the columns.		DC type II.	/AC type II		
		**	/AC type II		
C reverse polarity protection		Y			
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# Full Range From Power Generation, Transmission, Distribution To

# **Energy Storage**

### 32 years

With 32 years of experience, specialized in equipment manufacturing and engineering services

#### Public Co.

Founded in 1993 Stock listed in 2004 (SZSE002028)

## US\$3.2 Billion

2024 Turnover

#### 1400+

1411 Qualified engineers are the driving force behind the exceptional R&D progress

#### **TOP 3**

**Sieyuan**思源电气 Electrical Equip. Manufacturer

#### 22

22 Manufacturing bases

### 100+

With 10,000+ employees in 100+ countries and regions

## 1,000kV

Full range product: 10kV -1,000kV

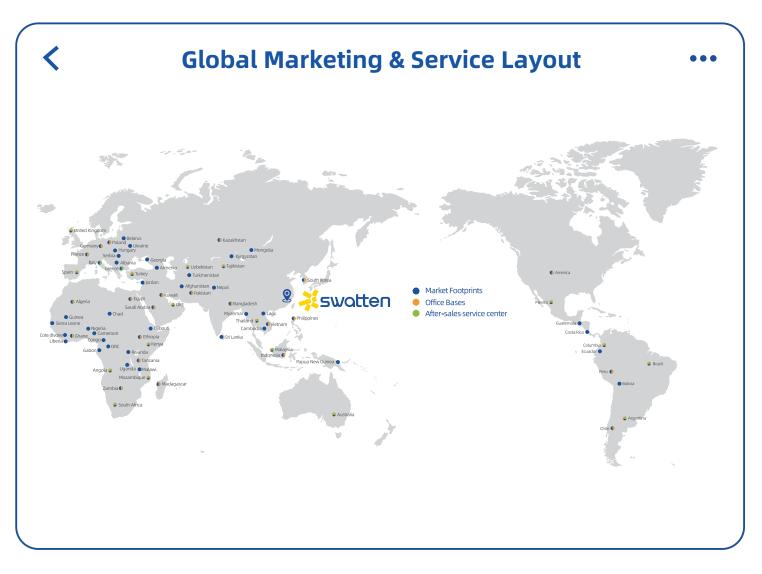
# esGrid Grid-level energy storage

Sieyuan Utility Scale BESS



**C&l and Residential BESS** 







#### <

#### **Swatten Europe Case**















#### <

#### **Swatten APAC Case**















#### **Compatible Battery Brand**



Dyness Dyness



POWER\/MP











\* For detailed list please contact our technical team





**Facebook** 



Linkedin



YouTube



