

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.



Integrated humanized design, removed redundant cables.Adds points to beauty and attractiveness.



Integrated AC Charger, Plug & Play

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

20% reduction in installation time

• Stack installation with Plug & Play connection.

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



All-in-one System Three Phase (HV) (10-20) kW

Type Designation	All-in-one sys-10kW-TH PRO	All-in-one sys-15kW-TH	All-in-one sys-20kW-TH
PV (input)			
Max. recommended PV array power [Wp]	20000	30000	40000
Max. PC input voltage [V]	20000	1000	40000
Rated PV input voltage [V]		650	
Start-up input voltage [V]		150	
MPPT voltage range [V]		150-950	
No. of MPPT/Strings per MPPT	3 (2/1	1/1)	3 (2/2/1)
Max. PV input current [A]	64 (32/16/16)		80 (32/32/16)
Max. DC short-circuit current [A]	80 (40/20/20) 1		100 (40/40/20)
Battery			
Battery type		Li-ion battery	
Max. charge/discharge current [A]		30/30	
Nominal voltage range [V]	192-512 (64 per module)		
Nominal capacity range	9.6 kWh-25.6 kWh (3.2 kWh / 50 Ah per module)		
Number of connectable modules		3-8 modules	
Backup (output)			
Rated output power (off-grid mode) [VA]	10000	15000	20000
Peak output power (off-grid mode)	16800 W / 16800 VA, 10s	25500 W / 25500 VA, 10s	32000 W / 32000 VA, 10s
lax. output power (on-grid mode)		43000 W / 43000 VA	
/ax. output current (on-grid mode) [A]		3*63	
Backup switching time [ms]	<10		
Rated voltage [V]	3/N/PE, 220/380; 230/400; 240/415		
requency range [Hz]		50/60	
Fotal harmonic distortion THDv, rated power, linear load) [%]		≤2	
Grid (input/output)			
Max. AC power from grid		43000 W / 43000 VA	
Rated AC output power [VA]	10000	15000	20000
lax. AC output power [VA]	10000	15000 22.8	20000 30.3
	15.2	22.8	30.3
		3/N/DE 220/380.230/400.240/415	
Rated AC voltage [V]		3/N/PE, 220/380; 230/400; 240/415 270-480	
Rated AC voltage [V] AC voltage range [V]		270-480	
Rated AC voltage [V] AC voltage range [V] Rated grid frequency [Hz]			
Rated AC voltage [V] AC voltage range [V] Rated grid frequency [Hz] Grid frequency range [Hz]		270-480 50/60	
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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



Sieyuan Utility Scale BESS



C&l and Residential BESS

Shanghai Sieyuan Watten Technology Co., Ltd. Member of Sieyuan Electric Co., Ltd.





Swatten Europe Case

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Swatten APAC Case

<image>

Compatible Battery Brand * For detailed list please contact our technical team EVE PYLONTECH מייפ POWER Dyness Dyness CE HAME VESTWOODS **FOLLOW** US! 🖓 in ñ Facebook Linkedin YouTube