

S30 Outdoor Cabinet BESS Commercial & Industrial

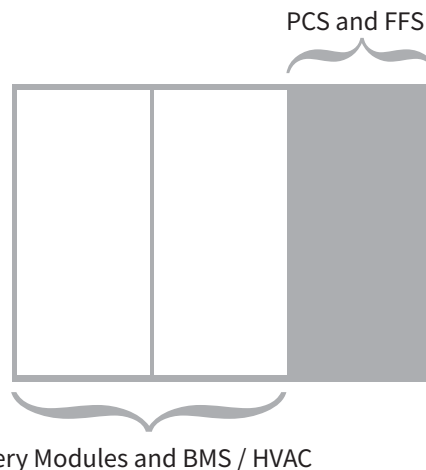
- ✔ Peak shaving.
- ✔ Optional PV input.
- ✔ Global grid certified.
- ✔ NEMA 3R / IP54 rated.
- ✔ Compliance with global safety standards.
- ✔ All-in-one design and highly integrated.
- ✔ Modular design with different optional parts.
- ✔ Parallel installation side-by-side or back-to-back.



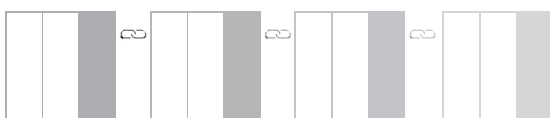
Cabinet BESS for Commercial & Industrial

S30 Outdoor Cabinet BESS is for Commercial and Industrial consumers with all performance they are looking for while also being easy to use and safe.

Pairing it with renewable sources to provide energy in special use cases. Increase the proportion of renewable energy in total power generation and optimize the energy structure.



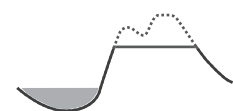
Modular, Flexable, Simple



Parallel installation side by side
Maximum 16 sets.



5 Years capacity warranty



Intelligent energy management

Technical Parameters

Power Converter	
Model	PWS2-30K-NA
PCS Unit	1
AC Power Range	30KW(400 or 480Vac & 350-750Vdc)
Battery Parameters	
Usable Energy	129KWh
Operating Voltage	360-518.4V
Cells	LFP, 3.2V/280Ah
Pack	1P16S*9
BMS	Included
Auto-Switching	
Model	PWD-100K
Switching Time	Active Switching: Seamless, Passive Switching: 30ms
Fire Fighting System	Sensor tube, with the agent of NOVEC 2130 or FM200 or water
Physical	
Cooling	Forced air cooling for power electronics, 3.5KW Air-conditioned for battery system
Noise	<75dB
Protection	NEMA 3R/IP54
Max Elevation	3000m/10000ft (De-rating over 3000m/10000ft)
Operating ambient temperature	-20 to 50°C
Humidity	0-95%
Size	W1600*D1100*H2450mm
Gross Weight	1665Kg
Optional Components	
Built-In Transformer	30kVA,400V/400Vac or 480V/480Vac or 480V/240Vac
Built-in gateway	For Peak-shaving, demand charge management or backup power supply.
Aux power	220V single phase built-in, up to 3kw transformer 120V built-in, up to 5kW
Compliance	
	UL9450



OFFICE

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