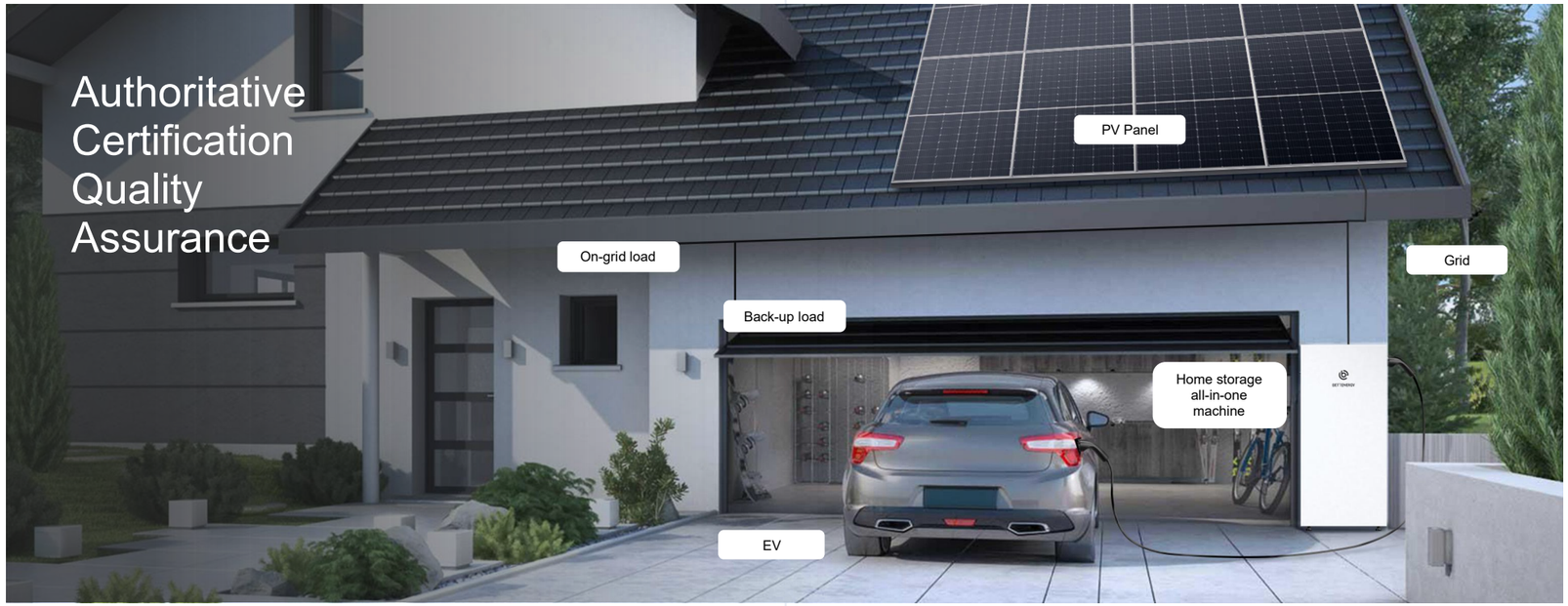

	Model	AIO-1P8K-HT	AIO-3P11K-HT
PV input parameter	Maximum PV string power (Wp)	12800	18000
	Maximum input voltage (V)	600	1000
	MPPT operating voltage range (V)	100-550	200-950
	MPPT quantity	2	2
	Number of input strings per MPPT channel	1	2
	Maximum input current of MPPT (A)	15+15	30/30
Battery parameter	Type	LFP	LFP
	Battery capacity (Wh)	13440	13440
	Battery voltage range (V)	252-302.4	252-302.4
	Maximum charging/discharging current (A)	50/75	50/75
	Cooling method	liquid-cooled	liquid-cooled
On-grid parameter	Rated output power (W)	8000	11000
	Grid connection type (V)	L/N/PE, 220/230/240V	3L/N/PE; 220/380V;230/400V;240/415V
	Rated grid frequency (Hz)	50/60	50/60
	Maximum output current (A)	36.3	19
Off grid parameter	Rated output power (W)	8000	11000
	Rated output voltage (V)	L/N/PE; 220/230/240V	3L/N/PE 220/380Vac,230/400Vac
	Rated AC frequency (Hz)	50/60	50/60
	Maximum output current (A)	36.3	19
	Off grid switching time	< 10ms	< 10ms
Charge station	Rated output power (W)	7000	11000
	Rated output voltage (V)	L/N/PE; 220/230/240V	3L/N/PE; 220/380V;230/400V;240/415V
	Maximum output current (A)	32	16
Generals	Dimensions (H * W * D) (mm)	1402×670×188	1402×670×188
	Inverter cooling method	liquid-cooled	liquid-cooled
	Weight (kg)	171	178
	protection grade	IP65	IP65
	Working temperature (℃)	-20-55	-20-55

Certification: TUV,RoHS,MSDS,UN38.3,IEC62619,CE

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AIO-1P8K-HT
AIO-3P11K-HT

Fully liquid cooled high-voltage home storage integrated machine

Smart Cold, Smart Hot

Industry's first liquid cooled inverter

Built in new energy charging station

CTP technology

Intelligent temperature equalization

Built in heat recovery module

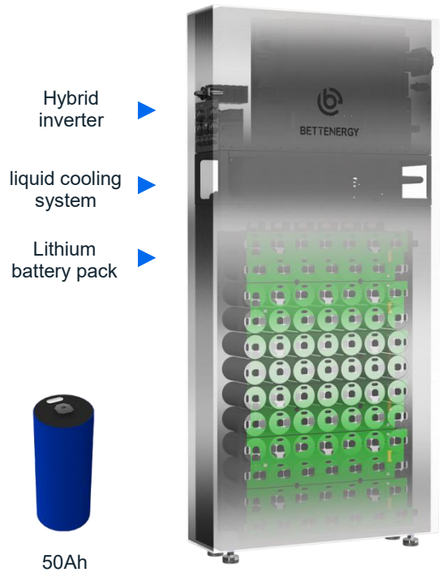
- Industry first, built-in liquid cooled inverter, with a heat dissipation capacity 25 times that of air cooling, does not reduce capacity in high-temperature areas, and has a longer service life.

- Industry first, the battery adopts liquid cooling technology, which makes the battery safer and has a longer service life.

- Industry first, the whole machine adopts heat recovery technology. In low-temperature environments, the waste heat of the inverter heats up the battery, improving the overall efficiency of the system by more than 20%.

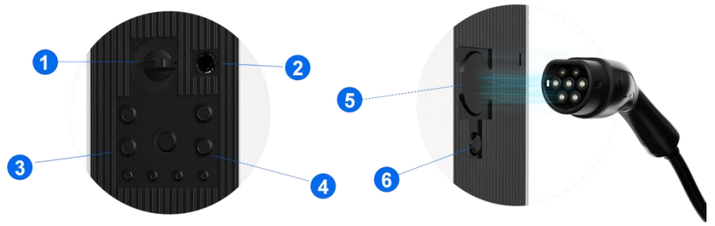
- Industry first, intelligent battery temperature management, cell temperature difference can be controlled within 2 degrees, improving the overall life of the battery.

- Industry first, the battery pack adopts CTP technology, which increases the volume utilization rate by more than 50%, with small volume and large capacity.



1. PV photovoltaic switch
2. Start button
3. Power interface
4. Communication interface
5. Electric vehicle charging port
6. Emergency stop button
7. WiFi port

50Ah



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