



CP HELIOS

Up to 1.066MWh All In One Air Cooled Battery Storage

USE CASES



Photovoltaic Solar Power Stations

Maximize the efficiency of your solar power projects. Lower costs, improve reliability, and enhance sustainability with our energy storage solutions.



Wind Farms

Store excess energy from wind power. Lower operational costs, enhance reliability, and improve energy efficiency.



Military / Defence

Ensure reliable power for critical applications. Reduce energy costs, improve grid independence, and enhance operational security.



Manufacturing Plants

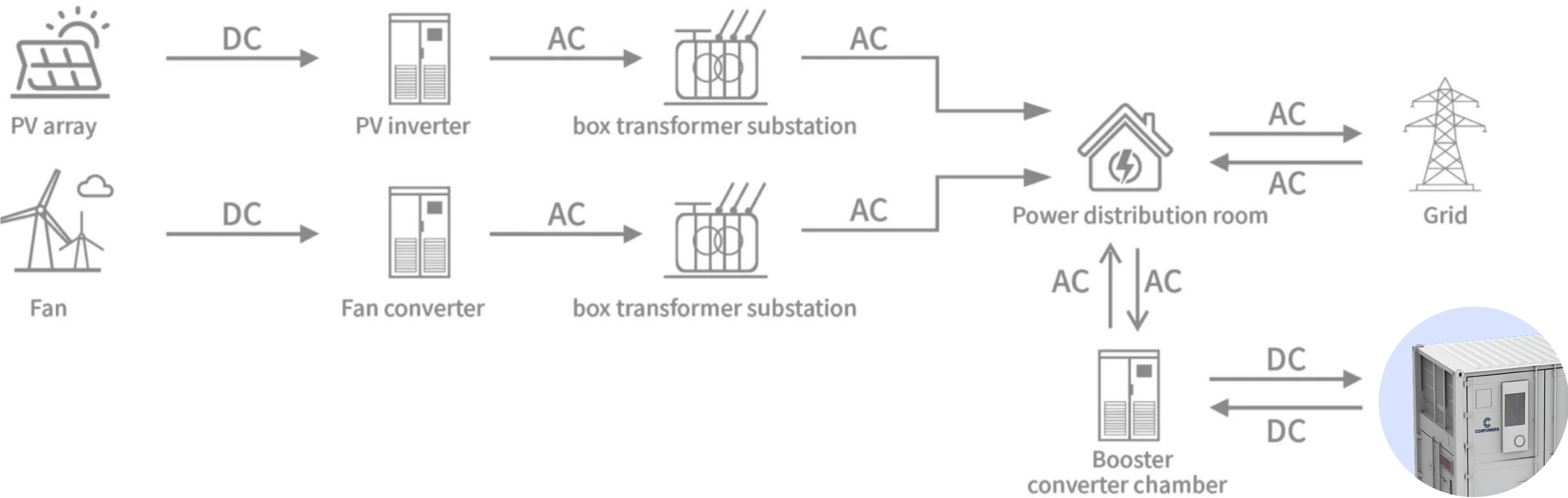
Enhance operational efficiency and reduce energy costs in your manufacturing processes. Stabilize power supply, manage peak demand, and integrate renewable energy sources.



Logistics & Warehousing

Ensure energy reliability and efficiency for your logistics and warehousing operations. Secure backup power, improve energy management, reduce operational costs.

SYSTEM INFRASTRUCTURE



500kW/1036kWh
ALL-IN-ONE

500kW/1.066MWh
ALL-IN-ONE (High & Cold)

DC SIDE BASIC PARAMETERS

Cell Capacity	100Ah	280Ah
Module Structure	3P18S	1P14S
Module quantity in single cluster	12pcs	17pcs
Nos.of Battery Clusters	5pcs	5pcs
Battery system power	1.036MWh	1.066MWh
Voltage Range	604.8~766.8V	666.4~844.9V

AC SIDE BASIC PARAMETERS

Rated AC power	500kW	500kW
Rated grid voltage	AC400/230V	AC400/230V
Wiring Mode	3W+N+PE	3W+N+PE
Rated grid frequency	50/60Hz	50/60Hz
Isolation mode	isolation transformer	isolation transformer

SYSTEM LEVEL PARAMETERS

Operating temperature	-30~55°C	-30~55°C
Ambient Humidity	0~95%(no condensation)	0~95%(no condensation)
Working Altitude	2000m	2000m
Communication method	Ethernet, RS485, optional 4G/5G mobile communication	Ethernet, RS485, optional 4G/5G mobile communication
Protection level	IP54	IP54
Cooling Method	Air cooling	Air cooling
Noise	≤65dB	≤65dB
Fire protection system	Heptafluoropropane/Perfluorohexanone compartment level/aerosol ten water fire protection combustible gas detection +explosion-proof ventilation system	Heptafluoropropane/Perfluorohexanone compartment level/aerosol ten water fire protection combustible gas detection +explosion-proof ventilation system
Size(W*D*H)	2438*2896*6058mm	2438*2896*6058mm
Weight	14t	15t

GOT QUESTIONS?
GET IN TOUCH WITH US

Authorised Representative of Cospowers Europe
Dan-Tech Energy GmbH

 www.cospowers.de

 Max-Planck-Str. 7, Berlin 12489 Germany

 +49 (030) 5770-34433

 info@cospowers.de