

CP OAK S

Stacked Battery Storage for Home



USE CASES



Household Energy Storage

Seamlessly integrate our storage solutions into your home to ensure uninterrupted power supply and maximize the use of renewable energy sources.



Carports

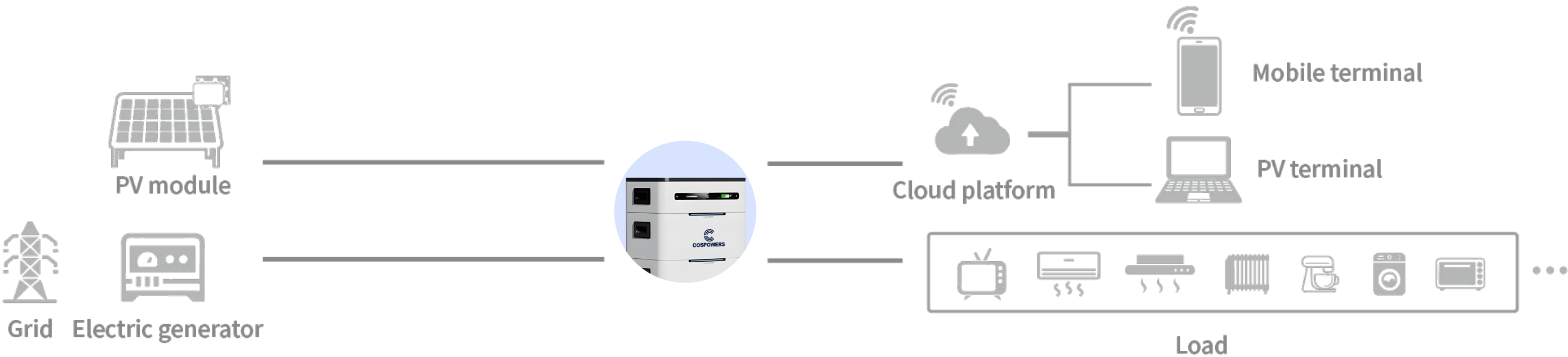
Efficiently charge your electric vehicles and store excess energy with our carport solutions, providing convenience and sustainability for your daily commute.



Off-Grid Living

Achieve total energy independence with our off-grid solutions, designed to provide reliable power in remote locations, ensuring a continuous energy supply.

SYSTEM INFRASTRUCTURE



	M O D E L				
	CE-10-S	CE-15-S	CE-20-S	CE-25-S	CE-30-S
ELECTRICAL PARAMETERS					
Capacity	10.24kWh	15.36kWh	20.48kWh	25.6kWh	30.72kWh
Number of batteries in series	2 pcs	3 pcs	4 pcs	5 pcs	6 pcs
Rated voltage	204.8V	307.2V	409.6V	512V	614.4V
WORKING CONDITIONS					
Voltage range	179.2~227.2V	268.8~340.8V	358.4~454.4V	448~568V	537.6~681.6V
Rated capacity	50Ah	50Ah	50Ah	50Ah	50Ah
Standard Charge/Discharge Current(A)	0.25C/0.5C	0.25C/0.5C	0.25C/0.5C	0.25C/0.5C	0.25C/0.5C
Max.Charge/Discharge Current(A)	0.5C/1C	0.5C/1C	0.5C/1C	0.5C/1C	0.5C/1C
Communication	RS485/WIFI	RS485/WIFI	RS485/WIFI	RS485/WIFI	RS485/WIFI
Protection functions	Over voltage, under voltage, over temperature, low temperature, over current, short circuit	Over voltage, under voltage, over temperature, low temperature, over current, short circuit	Over voltage, under voltage, over temperature, low temperature, over current, short circuit	Over voltage, under voltage, over temperature, low temperature, over current, short circuit	Over voltage, under voltage, over temperature, low temperature, over current, short circuit
Size	550*370*737mm	550*370*973mm	550*370*1209mm	550*370*1445mm	550*370*1681mm
Weight	119Kg	169Kg	220Kg	270Kg	321Kg
IP Class	IP20	IP20	IP20	IP20	IP20
Installation condition	Indoor installation	Indoor installation	Indoor installation	Indoor installation	Indoor installation
Installation method	On floor	On floor	On floor	On floor	On floor
Temperature Range	-10°C~55°C	-10°C~55°C	-10°C~55°C	-10°C~55°C	-10°C~55°C
Optimum Temperature Range	20°C~30°C	20°C~30°C	20°C~30°C	20°C~30°C	20°C~30°C
Storage Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C
Operating Humidity	5%~95%	5%~95%	5%~95%	5%~95%	5%~95%
Altitude requirements	≤2000m	≤2000m	≤2000m	≤2000m	≤2000m
Cooling Method	Natural cooling	Natural cooling	Natural cooling	Natural cooling	Natural cooling
Matched Inverter	Pylon, Growatt, Goodwe, Megarevo, Victron, New Electric, Shangweisi, Ateess.Gilong	Pylon, Growatt, Goodwe, Megarevo, Victron, New Electric, Shangweisi, Ateess.Gilong	Pylon, Growatt, Goodwe, Megarevo, Victron, New Electric, Shangweisi, Ateess.Gilong	Pylon, Growatt, Goodwe, Megarevo, Victron, New Electric, Shangweisi, Ateess.Gilong	Pylon, Growatt, Goodwe, Megarevo, Victron, New Electric, Shangweisi, Ateess.Gilong

GOT QUESTIONS?
GET IN TOUCH WITH US

Authorised Representative of Cospowers Europe
Dan-Tech Energy GmbH