

CP PONTUS

224kWh Air Cooled
Battery Storage



USE CASES



EV Charging Stations

Enhance the efficiency and reliability of your EV charging infrastructure with energy storage solutions that support peak demand and ensure consistent service for electric vehicle users.



Office Buildings Energy Storage

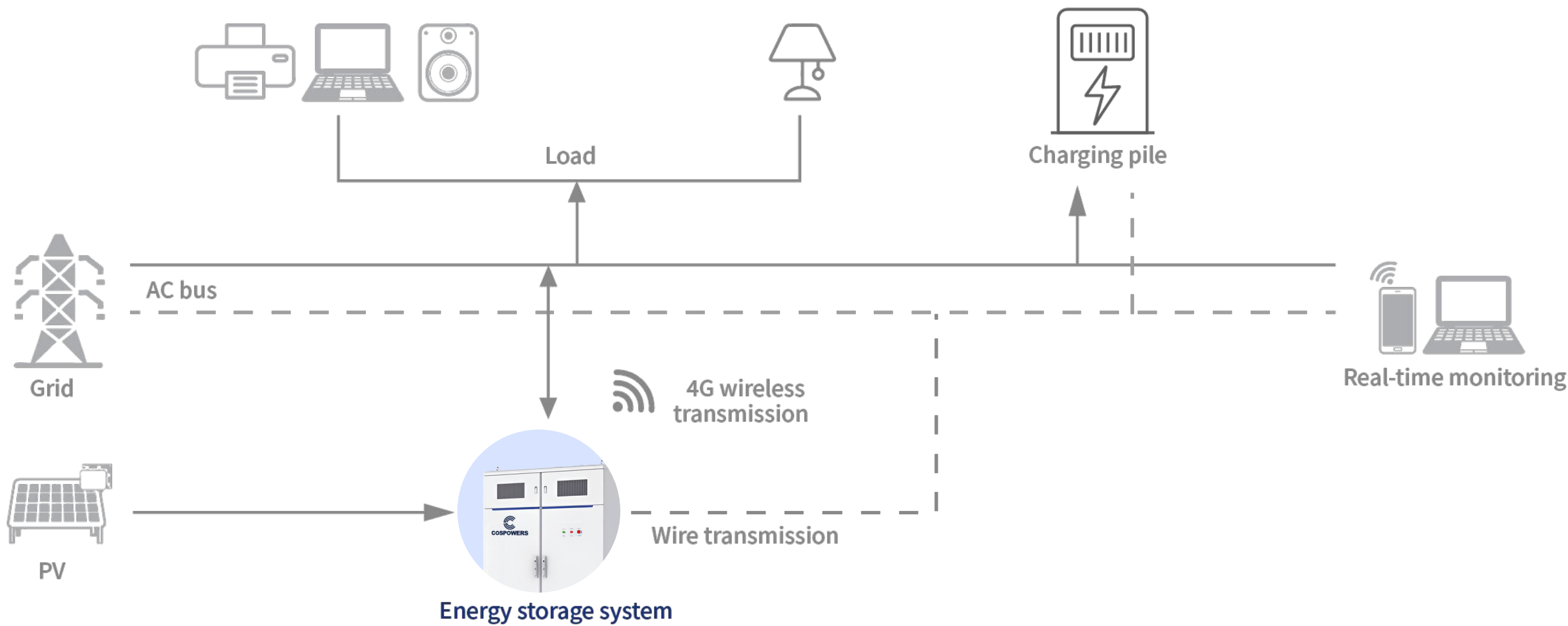
Optimize energy management in office buildings by integrating energy storage solutions that lower utility costs, enhance power reliability, and contribute to a sustainable work environment.



Agriculture Farming

Boost agricultural productivity by using energy storage to manage power supply for irrigation, cooling, and other essential farming operations, reducing costs and improving efficiency.

SYSTEM INFRASTRUCTURE



100kW/224kWh

DC SIDE BASIC PARAMETERS

DC branch	1 channel
DC busbar maximum voltage	1000V
DC side maximum current	165A
DC voltage operating range	650~1000V

AC SIDE BASIC PARAMETERS

Maximum input apparent power	100kVA
Maximum input active power	100kW
Rated input voltage	220/380V,3P4W+PE
Maximum continuous input current	152A
Rated input frequency	50Hz

AC OFF-GRID PARAMETERS

AC off-grid voltage	220/380V,3P4W+PE
Maximum continuous output current	152A
AC off-grid frequency	50Hz

BATTERY PARAMETERS

Battery Type	LFP
Rated capacity	224kWh
Nominal voltage	748.8V
Operating voltage range	655~819V
Charge/Discharge Rate	≤0.5C

SYSTEM PARAMETERS

HMI	8 inch LCD touch screen
Fire protection system	Perfluorhexone fire protection
Cooling Method	Air cooling
Operating temperature	0°C~55°C
IP Class	IP54
Size	1600*1100*2200mm
Weight	< 2500Kg
Certificates	CANS,CMA

GOT QUESTIONS?

GET IN TOUCH WITH US

Authorised Representative of Cospowers Europe

Dan-Tech Energy GmbH