



CP VENUS

103kWh Air Cooled Battery Storage



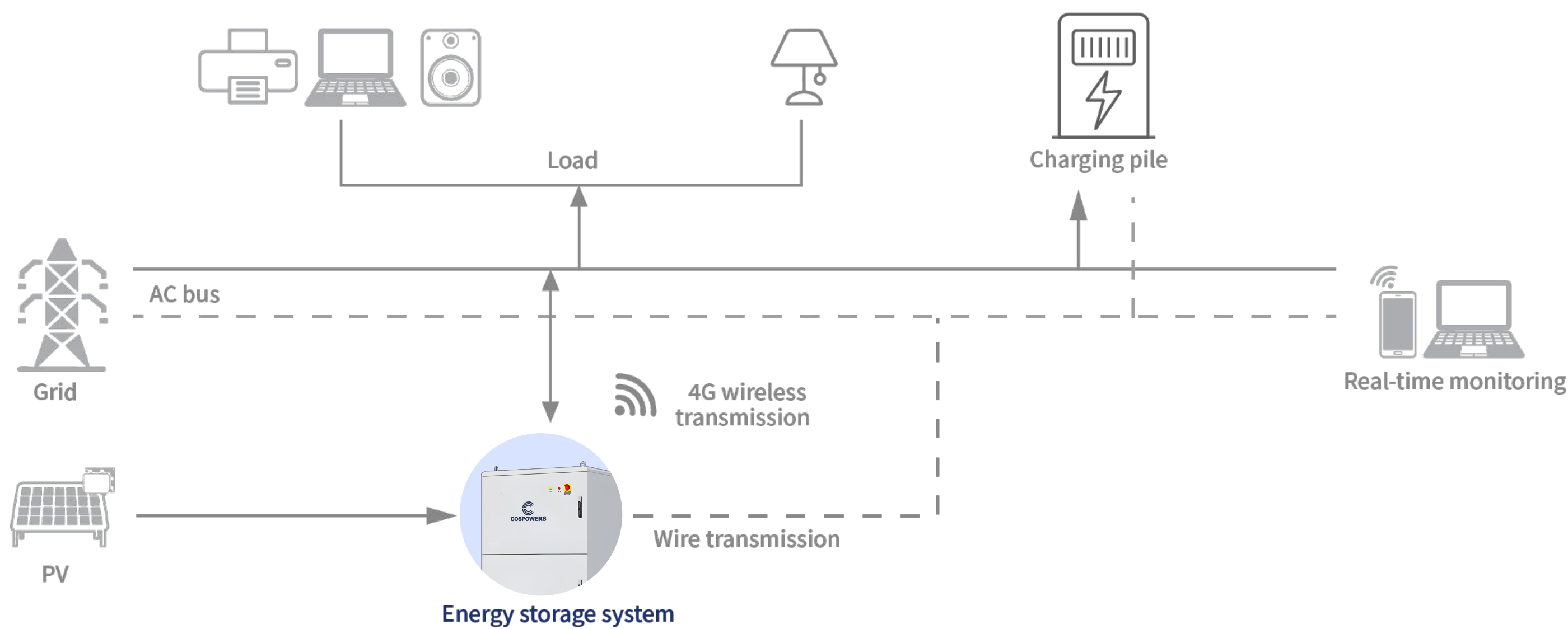
USE CASES

 **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



50kW/103kWh

DC SIDE PARAMETERS

DC branch	1 channel
DC busbar maximum voltage	1000V
DC side maximum current	88A
DC voltage operating range	200~900V

AC GRID CONNECTION PARAMETERS

Maximum input apparent power	50kVA
Maximum input active power	50kW
Rated input voltage	220/380V,3P4W+PE
Maximum continuous input current	86A
Rated input frequency	50Hz

AC OFF-GRID PARAMETERS

AC off-grid voltage	220/380V,3P4W+PE
Maximum continuous output current	86A
AC off-grid frequency	50Hz

BATTERY PARAMETERS

Battery Type	LFP
Rated capacity	103kWh
Nominal voltage	345.6V
Operating voltage range	302~378V
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	1200*1100*1850mm
Weight	<1200Kg
Certificates	CANS,CMA

GOT QUESTIONS?

GET IN TOUCH WITH US

Authorised Representative of Cospowers Europe
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