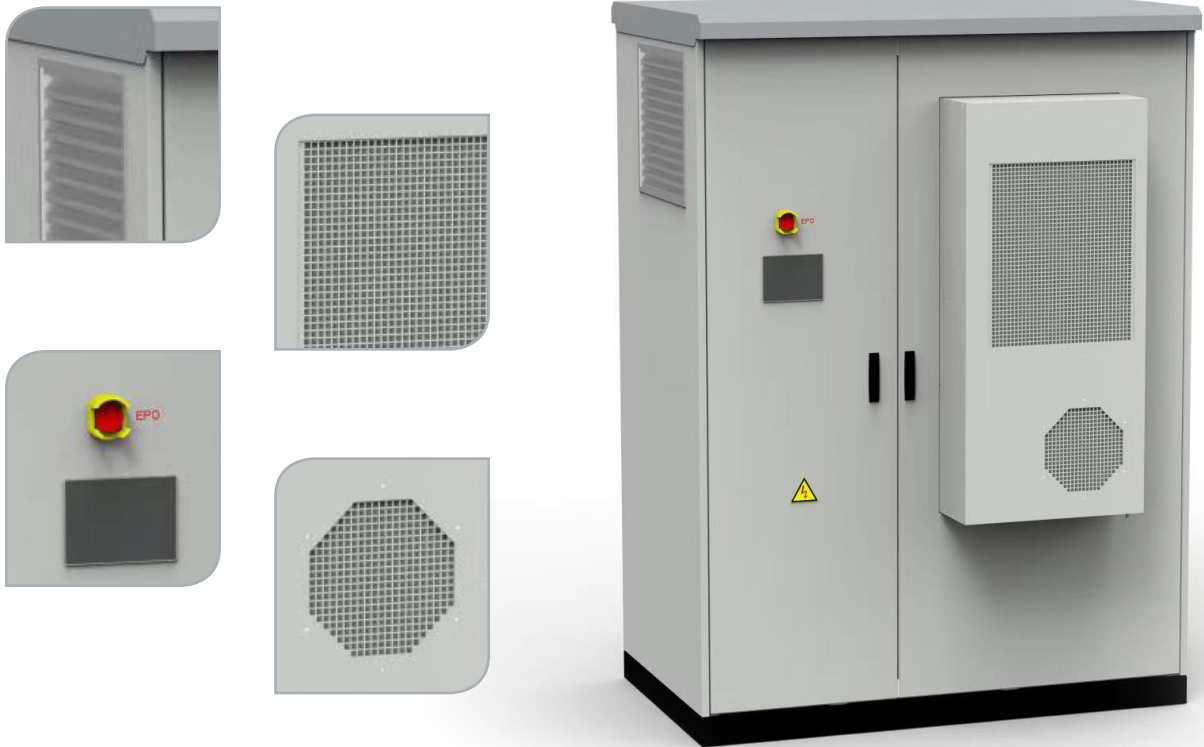


# C&I ENERGY STORAGE SYSTEM

## High Lights

- Standardized, modular, systematic design, easy for installation and maintenance
- High integration with inverter, batteries and fire protection system
- Three levels of BMS protection to make the system more reliable
- Wide voltage input range to increase PV generation
- Multi charging and discharging modes to save more electricity costs
- Energy efficiency management, remote monitoring of operation data



Model	Z10SYS768-100K
<b>PV Input</b>	
Rated PV power	100kW
Max. PV power	110kW
PV voltage range	200~1000V (500~900V full load)
Max. PV input current	110A
<b>AC Output</b>	
Rated AC power	100kW
Max. AC output power	110kW
PCS output voltage	400Vac
Nominal output frequency	50~60Hz
Rated AC current	114A
Back-up time	30ms
Max. efficiency	97.30%
Grid connection type	3W+N+PE / 3W+PE
<b>Fire System</b>	
Smoke alarm	Smoke transducer
Aerosol fire extinguisher	Capacity: 3kg
Oxidizing agent	FM200 or NC1230
<b>Battery System</b>	
System capacity	215.04kWh
Nominal capacity	280Ah
Nominal voltage	768V
Battery operating voltage range	672~852V
Max. charge/discharge current	150Adc
<b>General Data</b>	
Cooling concept	By air cooling, air conditioning or heat exchanger
Noise emission	<70dB
Relative humidity	0~95% RH
Ingress protection degree	IP54
Operating temperature range	-20°C ~+60°C
Display	LCD
Altitude	Max. 4000m
Weight	Approx. 2800kg
Dimensions (W*D*H)	1800*1200*2300mm
Communication interface	RS485, CAN, Network, Dry contact
Isolation type	Non-isolated (optional transformer)