



E30K/50K 60-XCHE Intelligent C&I Energy Storage Integrated Cabinet



Main Features

- Proven and safe, economical and environmentally friendly LiFePO4 battery module, providing long life and reliability.
- High degree of modularization, simple structure, easy to install and maintain.
- High-performance and high-efficiency BMS, compatible with a variety of communication protocols.
- Comprehensive battery protection strategy to ensure the safety of the energy storage system.
- Intelligent temperature control system, effectively extending the service life of the battery.
- PACK targeted fire extinguishing function can be customized.

Parametri Tecnici / Model	E30K/60-XCHE	E50K/60-XCHE
Battery Parameters		
Number of battery packs	12	
Rated voltage	614.4V	
Voltage range	537.5~691.2V	
Rated energy	60kWh	
Max. charging and discharging current	100A	
Communication	RS485/CAN	
Cycle life	6000times	
PV parameters		
Max.PV input power	39kW	65kW
Rated input voltage	600VDC	
Max. input voltage	1000VDC	
MPPT voltage range	200-850VDC	
PV input current	36+36+36(A)	36+36+36+36(A)
AC side parameters		
AC rated input/output power	30kVA	50kVA
AC Max. input/output power	33kVA	55kVA
AC rated input/output current	45.6A	75.8A
AC Max. input/output power	60A	83.3A
Voltage	3UN/PE; 230/400V	
Frequency	50V60Hz%	
THDie	≤3%	
Power Factor	0.8leading to 0.8 lagging	
System parameters	±3%	
Dimension(W*H*D)	1200*2160*750mm	
Weight	860kg	880kg
Communication	CAN/RS485AViFi/ETHe	
Warranty	5 years	
Expansion	Support in parallel up to 150kw/180kwh	
Enclosure protection rating	IP55	
Cooling	Air cooling	
Environmenttemperaturee	-30~50°C	
Humidity	10%~95%RH	
Altitude	<2000m	
Certifications	UN38.3/CE/IEC62619/VDE-AR-N 4105/IEC 62109	