

INDUSTRIAL ENERGY STORAGE SYSTEM



PRODUCT FEATURES



Advanced LiFePO4 Technology
Lithium iron phosphate(LFP) Battery, longer cycle life, stable performance



C&I ESS
240 KWH Large Energy Storage System, higher usable energy ratio



Plug & Play
Easy Installation and Simple Configuration



Higher Voltage Architecture
Enables longer string and reduced balance-of-system costs



Longer life cycles
Flexibility modular design From 57kWh to 240kWh in each battery cabinet, higher usable energy ratio



Customize Options
Outdoor cabinets, IP67 waterproof
Air-cooled, air-conditioned

Model	BR-240K
Battery Specifications	
Cell Capacity	314Ah
Battery Voltage Range	672~864V
Nominal Current	0.5C
System Storage Power	241KWH
AC Specifications (on-grid)	
Nominal Power	100kW
AC Nominal Voltage	400V
Wiring	3P4L+PE
Nominal Frequency	50Hz
AC Mximum Current	145A
Max.number of BESS in paralle	12
AC Specifications (off-grid)	
Nominal Power	100kW
AC Nominal Voltage	400V
Wiring	3P4L+PE
Nominal Frequency	50Hz
AC Mximum Current	145A
Unbalanced Load Capacity	100%
On-grid Switching to Off-grid Time	200ms
Off-grid Switching to On-grid Time	200ms
Max.number of BESS in parallel	5
Photovoltaic Input	
MPPT Voltage Range	200~670V
MPPT channels	Up to three
Input Power	Single channel 50kW
System Specifications	
Dimensions(W*D*H)	1850*1265*2250MM
Weight	2800KG
Air Conditioner Power	3kW (Cooling capacity)
Operation Temperature	-20~50°C
Operation Humidity	0~95%(Non-condensing)
Protection Level	IP65
Noise Level	≤75dB
Altitude	≤3000m
Cooling System	Fan Cooling
Display	Touch screen (optional)
Firefighting	Aerosol/Heptafluoropropane (FM-200)/Perfluoro
EMS Communication	Modbus-TCP/Modbus-RTU
Certification	CE, IEC 62619