



# POWER PRO

BK215/241/261/372/418

**STORAGE SYSTEMS ALL-IN ONE**

## KEY FEATURES



Modular and compact system



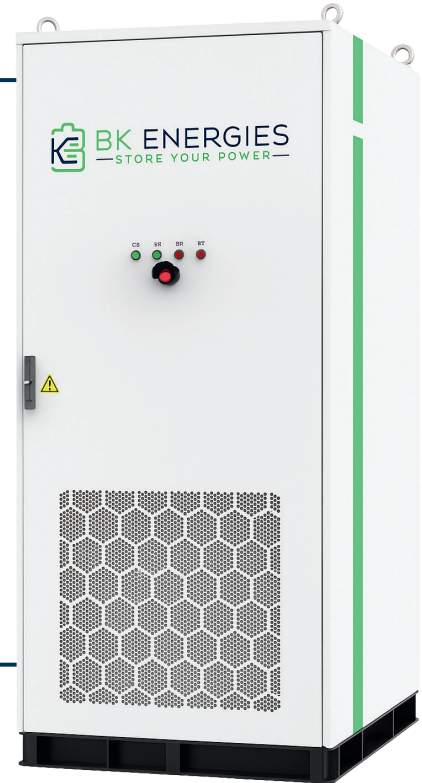
Integrated BMU and EMS



Fire detection and suppression



Plug & play



## AVAILABLE MODELS

- 215 kWh - 100 kW
- 241 kWh - 125 kW
- 261 kWh - 125 kW
- 372 kWh - 186 kW
- 418 kWh - 215 kW

## SPECIFICATIONS

**Modular configuration:** a modular architecture that allows capacity and power to be tailored to project requirements, facilitating future expansions and more efficient maintenance.

**System efficiency > 91%:** comprehensive optimization of the energy conversion and management system, ensuring stable performance and minimal operational losses.

## CERTIFICATIONS



IEC61000



IEC62477

MODEL	POWER PRO BK215 AL	POWER PRO BK241 AL
Battery pack		
Cell type	LFP280Ah	LFP280Ah
Nominal capacity	215.0kWh	241kWh
Thermal management	Liquid cooling	Liquid cooling
AC side		
Rated AC power	100kW	125kW
Maximum AC power	110kW	137.5kW
Rated AC voltage	400Vac	400Vac
Connection mode	Three-phase, four-wire	Three-phase, four-wire
Voltage range	340~440V	340~440V
Adjustable power factor range	-1~1	-1~1
Nominal grid frequency	50/60Hz	50/60Hz
Nominal grid frequency range	45~55Hz/55~65Hz	45~55Hz/55~65Hz
Máx. THDI	<3% (at rated power)	<3% (at rated power)
DC component	<0.5%	<0.5%
Isolation mode	None	None
Comunicación		
Communication interface	RS485/Ethernet	RS485/Ethernet
Communication protocol	MODBUS-RTU/MODBUS-TCP/ IEC61850	MODBUS-RTU/MODBUS-TCP/ IEC61850
Energy storage system		
System efficiency	≥90%	≥91%
Charge/discharge ratio	0.5C	0.5C
DOD	95%	95%
Number of cycles	8000	8000
Protection rating	IP55	IP55
Ambient temperature	-30~50°C	-30~50°C
Ambient humidity	0~95%RH non-condensing	0~95%RH non-condensing
Maximum altitude	2000m	2000m
Dimensions (W × D × H)	1000*1350*2300mm	1000*1350*2300mm
Weight	2600kg	2800kg
Fire protection system	Combustible gas, smoke, and temperature detectors Total flooding gas fire suppression system (perfluorohexanone) Water fire suppression system (reserved)	

MODEL	POWER PRO BK261 AL	POWER PRO BK372 AL
Battery pack		
Cell type	LFP324Ah	LFP280Ah
Nominal capacity	261kWh	372kWh
Thermal management	Liquid cooling	Liquid cooling
AC side		
Rated AC power	125kW	186kW
Maximum AC power	137.5kW	204.6kW
Rated AC voltage	400Vac	400Vac
Connection mode	Three-phase, four-wire	Three-phase, four-wire
Voltage range	340~440V	340~440V
Adjustable power factor range	-1~1	-1~1
Nominal grid frequency	50/60Hz	50/60Hz
Nominal grid frequency range	45~55Hz/55~65Hz	45~55Hz/55~65Hz
Máx. THDI	<3% (at rated power)	<3% (at rated power)
DC component	<0.5%	<0.5%
Isolation mode	None	None
Communication		
Communication interface	RS485/Ethernet	RS485/Ethernet
Communication protocol	MODBUS-RTU/MODBUS-TCP/ IEC61850	MODBUS-RTU/MODBUS-TCP/ IEC61850
Energy storage system		
System efficiency	≥90%	≥91%
Charge/discharge ratio	0.5C	0.5C
DOD	95%	95%
Number of cycles	8000	8000
Protection rating	IP55	IP55
Ambient temperature	-30~50°C	-30~50°C
Ambient humidity	0~95%RH non-condensing	0~95%RH non-condensing
Maximum altitude	2000m	2000m
Dimensions (W × D × H)	1000*1350*2300mm	1400*1400*2400mm
Weight	2800kg	3600kg
Fire protection system	Combustible gas, smoke, and temperature detectors Total flooding gas fire suppression system (perfluorohexanone) Water fire suppression system (reserved)	

MODEL	POWER PRO BK418 AL
Battery pack	
Cell type	LFP324Ah
Nominal capacity	418.0kWh
Thermal management	Liquid cooling
AC side	
Rated AC power	215kW
Maximum AC power	236.5kW
Rated AC voltage	400Vac
Connection mode	Three-phase, four-wire
Voltage range	340~440V
Adjustable power factor range	-1~1
Nominal grid frequency	50/60Hz
Nominal grid frequency range	45~55Hz/55~65Hz
Máx. THDI	<3% (at rated power)
DC component	<0.5%
Isolation mode	None
Communication	
Communication interface	RS485/Ethernet
Communication protocol	MODBUS-RTU/MODBUS-TCP/IEC61850
Energy storage system	
System efficiency	≥90%
Charge/discharge ratio	0.5C
DOD	95%
Number of cycles	8000
Protection rating	IP55
Ambient temperature	-30~50°C
Ambient humidity	0~95%RH non-condensing
Maximum altitude	2000m
Dimensions (W × D × H)	1000*1350*2300mm
Weight	3700kg
Fire protection system	Combustible gas, smoke, and temperature detectors Total flooding gas fire suppression system (perfluorohexanone) Water fire suppression system (reserved)