

KW-BLN10016
KW-BLN20016
KW-BLN31416
HOUSEHOLD
ENERGY STORAGE

5kWh-15kWh



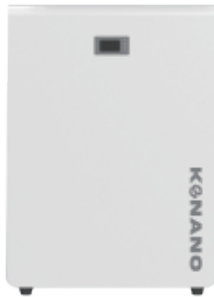
Premium Cell
Tire 1 Lithium iron batteriers,
ten-years cycles lifespan.

Flexible Configuration
Easy series/parallel expansion.

Safety
BMS & breaker two level protection

Wide Compatibility
Supports mainstream inverters,
auto-addressing.

KW-BLN10016



Model	KW-BLN10016	KW-BLN20016	KW-BLN31416
Cell Type	LFP		
Nominal Energy	5.12kWh	10.24kWh	16.07kWh
Operating Voltage Range	42.0-57.6V		
Charge Current/Max. Continuous	100A	200A	200A
Discharge Cut-off Voltage	42V		
Discharge Current/Max. Continuous	100A	200A	200A
Recommended Depth of Discharge	80%		
Operating Temperature/Charge	0~55℃		
Operating Temperature/Discharge	-20~55℃		
Dimension(W*H*D)	420*700*150mm	580*802*150mm	500*880*240mm
Weight	Approx. 45Kg	Approx. 82Kg	Approx. 114Kg
IP Rating	IP20		
Communication	CAN/RS485		
Cycle Life	≥6000 Cycles @80% DOD 25℃		
Design Life	10+ Years(25℃)		
Humidity	≤95%RH		
Altitude	<2000m		
Protections	Over Charge/Over Discharge/Over Temperature/Over Current/Short Circuit Protections		
Compatible Inverters	Deye/Solis/Hoymiles/Senergy/Afore/Megarevo/SRNE etc.		
Certifications	UN38.3, IEC62619, CE-EMC, Rohs		



home use



Household appliances



Emergency power supply



Wild camping

