



Powercube B3

ENERGY STORAGE SOLUTIONS

LiFePO4 chemistry battery with safety performance and longer cycle life, which offers you various capacities to meet more of your requirements.

TUV Certified • IP65 Protection • Flexible Expansion

Features and advantages



Tailor-made Cabinet

Suitable for
multit-module installation



Easy to Install

Plug and play



Larger capacity

More energy for
long time use



High Safety

LFP & smart BMS



Wide Compatibility

Matching with leading
inverter brands



Wide temperature

Range of -10~50°C

Technical Parameters

Model	Powercube				
Battery Type	LiFePO4				
System Model	2B3 2 Module	3B3 3 Module	4B3 4 Modules	5B3 5 Modules	6B3 6 Modules
Battery Capacity	150Ah	225Ah	300Ah	375Ah	450Ah
Nominal Battery Energy	7.2kWh	10.8kWh	14.4kWh	18.0kWh	21.6kWh
Max. Output Power	7.2kW	10.8kW	10.8kW	10.8kW	10.8kW
Net Weight	122.5kg	155kg	187.5kg	220kg	252.5kg
Nominal Voltage	48V				
Dimension[W*D*H]	600*520*1140mm				
Working Voltage	42~54V				
Charging Temp. Range	0-50°C				
Discharging Temp. Range	-10-50°C				
Communication	CAN / RS485				
Warranty	10 Years				
Warranty Document Supplied	Yes				
Calendar Life ^[1]	≥6000 Cycles				
Protection Level	IP65				
Scalability	Up to 40 units battery module in parallel				
Color	White				
Alarms	Overcharge/Overdischarge/Overcurrent/ Overtemperature/Short Circuit				
Monitoring & Protection	Each system has smart BMS, breaker embedded in system				
Pros	Can be used in both off-grid and hybrid setups, compact design, modular expansion				
Compatible Inverters	Victron/SMA/Goodwe/ Imeon /Solis/SAJ / Growatt/Luxpower/Voltronic/Deye etc.				
Certification & Safety Standard	TUV/CE/IEC62619/IEC62040/UN38.3/ CEC Accredited undergoing				