



## FY5170

Slim series type-LV 7.06 kWh  
BYD Blad Battery

- Auto ID
- Automatically assign any host
- Smart Temperature Control
- Smart parallel technology compatible with batteries with different SOC and voltages



**Superior Efficiency**  
Experience maximum efficiency with up to 90% usable energy.



**IP20 Protection Rating**  
Modular designer, natural cooling, indoor use



**Flexible Investment Options**  
Supports up to 32 units in parallel, with a total capacity of up to 326 kWh.



**Effortless Installation**  
Modular design allows for quick and seamless integration.



**Exceptional reliability**  
Our LFP-based battery technology ensures consistently high performance.



**Expandable Capacity**  
Effortlessly combine multiple units to increase energy output as needed.



**Enhanced Safety Features**  
Intelligent temperature control guarantees battery safety and longevity.



**Extended Service Life**  
Optimized cycle life exceeds 6000 cycles for long-lasting reliability.



Technical Specification

Model no	FY5170
Battery module Energy	7.06kWh
Useable energy	6.9kWh
Max Output Power	5kW
Peak Output Power	5.6kW
Nominal Voltage	51.2V
Operating Voltage range (Single Phase)	43.2V-57.6V
Dimension (W/D/H)	1090x580x80mm
Weight	80 Kg
Installation	Wall mount
Operating Temperature	10C~+55C
Operatign Altitude	0-3000 m (Derating above 2000 m )
Environment	InDoor
Relative Humidity	5%~95%
Cooling	Natural Convection
Protection Rating	IP20
Noise Emission	db
Cycle Life	>6000 (@25C, DoD 90%)
Display	SOC Status indicator LED Indicator
Cell Technology	BYD Blade Battery (LiFePo4)
Scalablity	Max 32 Systems in parallel operation
Communication Ports	CAN / RS485
Warranty	10 Years Standerd Warranty