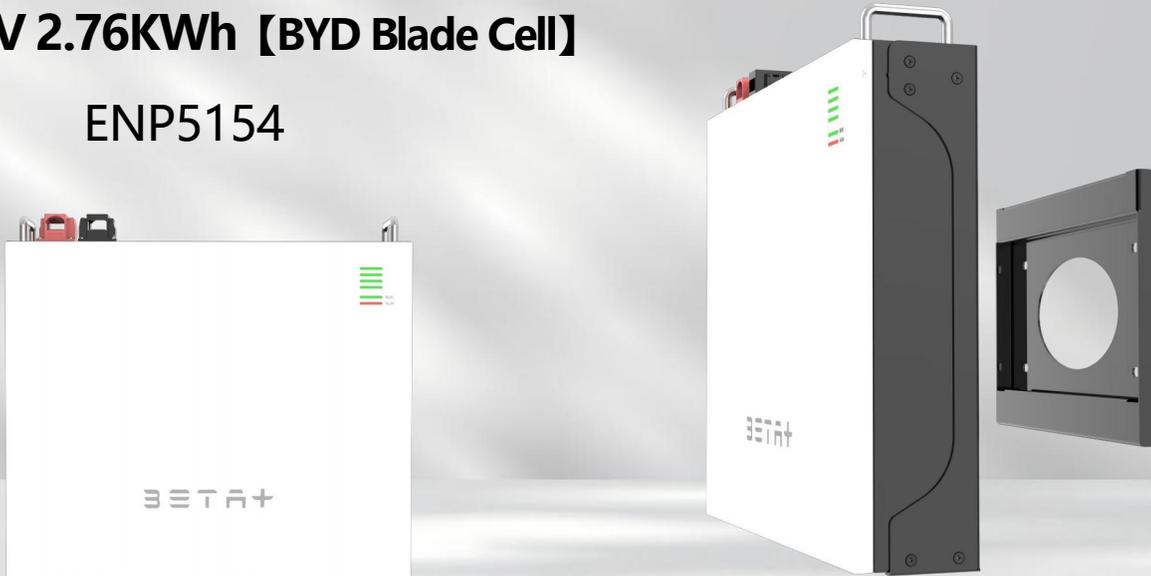


SMART ENERGY STORAGE SYSTEM

LV 2.76KWh [BYD Blade Cell]

ENP5154



KEY FEATURES

 **Bluetooth**
(Optional)



1C Discharge

Max discharge current: 54A, simultaneously supplying power to multiple loads.



Flexible Investment

Supports up to 128 units in parallel, with a total capacity of up to 353.28 kWh.



Smart BMS

Auto ID. Millisecond level status monitor, real time battery management, and optimization.



Extended Service Life

Optimized cycle life exceeds 6000 cycles for long-lasting reliability.



Easy Installation

Auto ID, Modular design allows for quick and seamless integration.



Perfect Compatibility

Compatible to Single & Three Phase Inverters.

Model		ENP5154
Main Parameter		
CellChemistry	LiFePO4	
Module Energy(kWh)	2.76	
Module Nominal Voltage (V)	51.2	
Module Capacity(Ah)	54	
Battery Module Qty in parallel. (Optional)	1-128	
System Nominal Voltage (V)	51.2	
System Operating Voltage (V)	43.2~57.6	
System Energy (kWh)	2.76~353.28	
System Usable Energy(kWh)	2.5~345.6	
Charge/Discharge Current (A)	Recommend	50
	Max	50
	Peak (2 s,25°C)	54
Working Temperature(°C)	Charge: -10~50/Discharge:-20~55	
Display	SOC Status indicator LED indicator	
Communication Port	CAN2.0/RS485	
Humidity	5~85%RH	
Altitude	≤3000m (Derating above 2000m)	
IP Rating of Enclosure	IP20	
Dimension (W/D/H,mm)	485*450*108	
Weight Approximate (kg)	25	
Installation Location	Wall Mount, Floor Mount	
Storage Temperature(°C)	0~ 35	
Recommend Depth of Discharge	90%	
Cycle Life	25±2°C, 0.5C/0.5C, EOL70%≥6000	
Warranty	10years	
Certification	CE/IEC62619/ MSDS/ UN38.3	

- 1 DC Usable Energy, test conditions: 90% DOD, 0.5C charge & discharge at 25°C. System usable energy may vary due to system configuration parameters.
- 2 The current is affected by temperature and SOC.
- 3 The warranty is due whichever reached first of warranty period or life cycle power.