

Product Features:

- ★ LFP (lithium iron phosphate) cell to ensure the highest safety
- ★ Built-In BMS protects the cell such as temperature, current, voltage, SoC, SoH.
- ★ Extra long cycle life times with 6000 cycles with 80% DoD
- ★ Compatible with most of the available inverters
- ★ Possibility of parallel connection with up to 16 pieces

Stackable LifePO4 Battery



Data Sheet

Main Control Module	ANZ-LFP				
Battery Module	ANZ-51100S				
Basic Parameters					
Battery Module NO	2 modules	3 modules	4 modules	5 modules	6 modules
Rated Voltage	51.2V				
Usable Energy	10240Wh	15360Wh	20480Wh	25600Wh	30720Wh
Operating Parameters					
Output Voltage Range	43.2V-57.6V				
Charging Voltage	52.5-57.6(recommend 56V)				
Cut-off Voltage	43.2V				
Recommended Charging Current	50A	100A	200A	200A	200A
Max. Discharging Current	200A				
Efficiency	>98%				
Physical					
Dimension L*W*H(mm)	635*500*312	635*500*465	635*500*620	635*500*772	
Weight (KGs)	124	176	233	290	343
Environment					
IP	IP55				
Humidity	5%~95% Relative humidity				
Charging Temperature	0°C~60°C				
Discharging Temperature	-20°C-60°C				
Storage Temperature	-10°C~30°C				
Service Life					
Cycle Life	>6000 times (0.2C, @25°C, 80%DOD)				
Design Life	>10 years				
Certification					
Safety & Certification	CE, IEC62619,				
Transportation	UN38.3				