

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	ANR-LFP			
Battery Module	ANR-51100S			
Basic Parameters				
Battery Module NO.	2 modules	3 modules	4 modules	5 modules
Rated Voltage	51.2V			
Usable Energy	10240Wh	15360Wh	20480Wh	25600Wh
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
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)	90	140	220	260
Environment				
IP	IP20			
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			