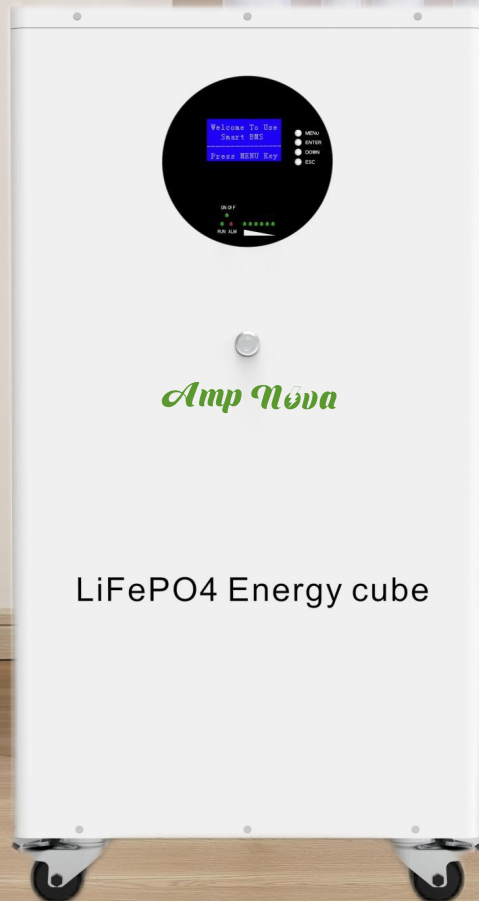


Product Features:

- ★ 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

Wheel Design Solar Battery



Data Sheet

Model	ANR-51200F	ANR-51300F
Basic Parameters		
Rated Voltage	51.2V	
Rated Capacity (0.2°C, @25°C)	200Ah	300Ah
Rated Energy	10240Wh	15360Wh
Operating Parameters		
Output Voltage Range	43.2V-57.6V	
Charging Voltage	55.2-57.6(recommend 56V)	
Cut-off Voltage	43.2V	
Max. Charging Current	100A	150A
Recommended Charging Current	50A	50A
Max. Discharging Current	200A	300A
Efficiency	>98%	
Physical		
Dimension L*W*H(mm)	400*240*650	570*420*740
Weight (KGs)	84	129
Communication Port	RS485, CAN	
Environment		
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	