

## 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

## Server Rack Battery



## Data Sheet

Model	ANR-5150R	ANR-51100R	ANR-51150R	ANR-51200R
<b>Basic Parameters</b>				
Rated Voltage	51.2V			
Rated Capacity (0.2°C, @25°C)	50Ah	100Ah	150Ah	200Ah
Rated Energy	2560Wh	5120Wh	7680Wh	10240Wh
<b>Operating Parameters</b>				
Output Voltage Range	43.2V-57.6V			
Charging Voltage	55.2-57.6(recommend 56V)			
Cut-off Voltage	43.2V			
Max. Charging Current	50A	100A	100A	100A
Recommended Charging Current	10A	20A	30A	40A
Max. Discharging Current	50A	100A	100A	100A
Efficiency	>98%			
<b>Physical</b>				
Dimension L*W*H(mm)	450*442*155	480*442*155	490*442*250	680*442*222
Weight (KGs)	37	48	70	85
Communication Port	RS485, CAN			
<b>Environment</b>				
Humidity	5%~95% Relative humidity			
Charging Temperature	0°C-60°C			
Discharging Temperature	-20°C~60°C			
Storage Temperature	-10°C~30°C			
<b>Service Life</b>				
Cycle Life	>6000 times (0.2C, @25°C, 80%DOD)			
Design Life	>10 years			
<b>Certification</b>				
Safety & Certification	CE, IEC62619, UL1973			
Transportation	UN38.3			