

# High Quality 12/24V Lead-acid replacement products



## 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

## Data Sheet

Model	ANR-1250L	ANR-12100L	ANR-12150L	ANR-12200L
<b>Basic Parameters</b>				
Rated Voltage	12.8V			
Rated Capacity (0.2°C, @25°C)	50Ah	100Ah	150Ah	200Ah
Rated Energy	640Wh	1280Wh	1920Wh	2560Wh
<b>Operating Parameters</b>				
Output Voltage Range	10V-14.6V			
Charging Voltage	14-14.6(recommend 14V)			
Cut-off Voltage	10V			
Max. Charging Current	50A	100A	150A	200A
Recommended Charging Current	25A	50A	50A	50A
Max. Discharging Current	50A	100A	100A	200A
Efficiency	>98%			
<b>Physical</b>				
Dimension L*W*H(mm)	197*166*163	330*171*215	330*171*220	484*171*240
Weight (KGs)	6	10.5	16.8	20
<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			
Transportation	UN38.3			