

PS-121000-LSS



PS-12100-LSS ,a powerful 12V LiFePO4 battery product, has been designed to provide. power backup for remote or outside telecom plants like Access Terminals, Base. Transceiver Stations, Base Station Controllers.

Benefits

- Increased energy in given space
- Easy installation
- Maintenance-free
- High operational reliability
- Excellent long life time
- Preventive but not premature replacement at end of life

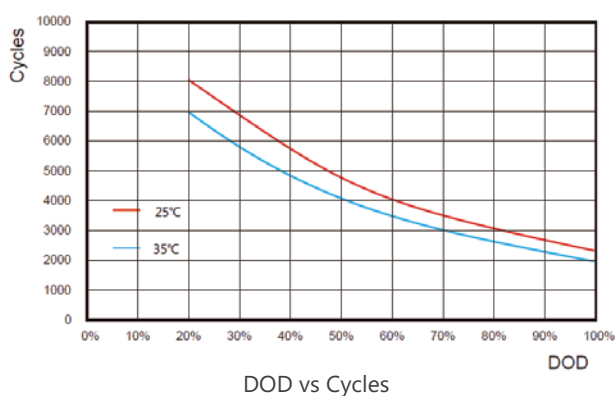
General Features

Model	PS-121000-LSS	
Nominal Voltage	12V	
Typical Capacity	100Ah (0.2C, 2 5°C)	
Typical Energy	1280 Wh	
Volumetric Energy Density	103.8 Wh/dm3	
Gravimetric Energy Density	106.7 Wh/kg	
Dimensions	Width	330mm
	Height	216mm(5U)
	Depth	173mm
Typical Weight	12 Kg	
Electrical Characteristics		
Voltage Window	10.8~14.4V	
Charge Voltage Range	14.0~14.4V	
Max. Permanent Discharge Current	50A	
Max. Permanent Charge Current	50A	
Faradic Charge Efficiency	99% (+20°C)	
Energy Charge Efficiency	94% (+20°C)	
Terminal	M8	
Additional Features (optional feature)	--	
Operation Environment		
Charge Temperature	0°C to +55°C	
Discharge Temperature	-20°C to +60°C	
Storage Temperature	-20°C to +60°C	
Protection Class	IP20	

Discharge Data

Constant Current Discharge Data(25°C)					
Current/A Time/h Voltage/V	0.1C	0.2C	0.3C	0.4C	0.5C
12.0	9.475	4.858	3.254	2.420	1.925
11.6	9.927	4.948	3.309	2.453	1.960
11.2	10.003	4.996	3.344	2.494	1.990
10.8	10.101	5.044	3.359	2.510	2.000

Performance Curve



Drawing

