

HRL Series

HRL12-300W 12V70Ah



Sacred Sun HRL batteries adopt new appearance and constructure design, automatically welding+through the partition welding+heat sealing technolgy, full automatic production process with good consistency. It has excellent high power discharge, long floating backup time and fast charging performance. It can be widely used in data center, UPS, IDC room.

Benefits

- Very long life according to EUROBAT Classification
- High power density, 30% higher than ordinary batteries
- Special lead paste formual and additives improve the battery service life
- Maximum charge efficiency
- Low self-discharge rate
- Wide range of power, easy sizing of batteries
- Easy installation and handling

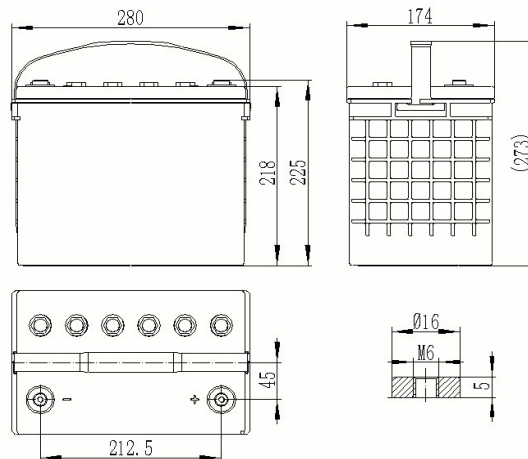
Applications

- Data center
- UPS
- IDC room
- Emergency power
- HVDC system

Standards

- IEC 60896-21/22
- JIS C8704-1/2
- EUROBAT guide

Drawing



Specifications

Battery Model	HRL12-300W			
Design Life (years, 25°C)	15			
Capacity (Ah, 25°C)	10min (1.60V)	15min (1.67V)	1HR (45A, 1.70V)	10HR(7.0A, 1.80V)
	380	300	45	70
Dimensions (mm)	Length	Width	Height	Total Height
	280	174	218	225
Approx. Weight (kg)	25.4			
Reference Internal Resistance (mΩ)	3.4 (fully charged @ 25°C)			
Maximum Discharge Current (A/3 Sec.)	830			
Self-Discharge (25°C)	≤ 2% per month			
Charge Voltage (V/cell, 25°C)	Cycle use		Float use	
	2.35(-3.5mV/°C/cell), max charge current: 17.5A		2.25 (-3.5mV/°C/cell)	
Short Circuit Current (A)	2800			

