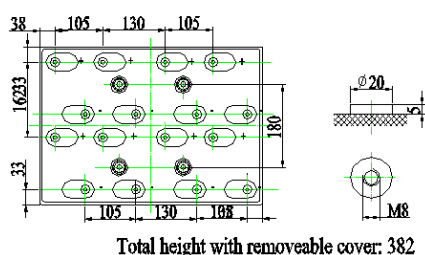
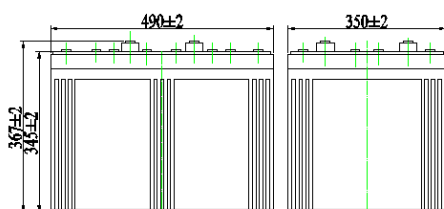


SL220000

(2V2000Ah/10hr)



The rechargeable batteries are lead-lead dioxide systems. The dilute sulfuric acid electrolyte is absorbed by separators and plates and thus immobilized. Should the battery be accidentally overcharged producing hydrogen and oxygen, special one-way valves allow the gases to escape thus avoiding excessive pressure build-up. Otherwise, the battery is completely sealed and is, therefore, maintenance-free, leak proof and usable in any position

General Features

- Sealed and maintenance free operation.
- Non-Spillable construction design.
- ABS containers and covers(UL94HB, UL94V-0) optional.
- Safety valve installation for explosion proof .
- High quality and high reliability.
- Exceptional deep discharge recovery performance.
- Low self discharge characteristic.
- Flexibility design for multiple install positions.

Application

- Alarm System
- Cable Television
- Power tools
- Emergency Power System
- Security System
- Medical Equipment
- UPS
- Communication Equipment
- Control Equipment
- Toys

CONSTRUCTION

Component	Positive plate	Negative plate	Container	Cover	Safety valve	Terminal	Separator	Electrolyte
Raw material	Lead dioxide	Lead	ABS	ABS	Rubber	Copper	Fiberglass	Sulfuric acid

TECHNOLOGY PARAMETER

Battery model	SL220000			
Designed Floating Life	15 Years			
Capacity (25 °C)	10hR(200A, 1.8V)	5hR(360A, 1.75V)		1hR(1240A, 9.60V)
	2000Ah	1800Ah		1240Ah
Dimensions	Length	Width	Height	Total Height
	490 ±2mm	350 ±2mm	345 ±2mm	382 ±2mm
Approx. weight (±5%)	129Kg			
Internal resistance	Full charged at 25 °C: 0.22mOhms			
Self discharge	3% of capacity declined per month at 25 °C (average)			
Capacity Affected by Temp.(10HR)	40 °C	25 °C	0 °C	-15 °C
	102%	100%	85%	65%
Charge Voltage (25 °C)	Cycle use		Float use	
	2.35-2.45V(-5mV/°C), max. Current: 400A		2.25-2.30V(-3.3mV/°C)	

SL220000 (2V2000Ah/10hr)

Constant current discharge ratings-amperes at 25°C

End Point Volts/Cell	15min	30min	1h	2h	3h	4h	5h	8h	10h
1.60V	2734	2109	1240	719	545	444	384	257	214
1.65V	2603	2016	1214	699	527	435	379	254	212
1.70V	2468	1919	1185	677	508	422	371	250	209
1.75V	2329	1820	1154	664	500	413	360	244	205
1.80V	2190	1718	1125	636	473	385	332	233	200

Constant power discharge ratings-watts at 25°C

End Point Volts/Cell	15min	30min	1h	2h	3h	4h	5h	8h	10h
1.60V	4654	3543	2206	1488	1018	823	706	483	409
1.65V	4404	3365	2130	1431	1001	814	701	479	405
1.70V	4152	3185	2052	1368	987	803	692	472	399
1.75V	3892	3000	2023	1338	966	786	678	463	392
1.80V	3636	2812	1908	1274	904	753	663	454	384

