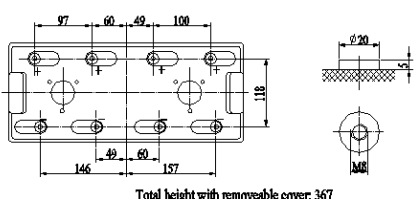
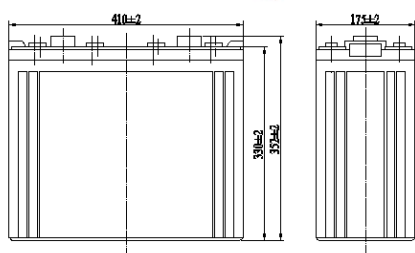


### SL28000

(2V800Ah/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	SL28000			
Designed Floating Life	15 Years			
Capacity (25°C)	10hR(80A, 1.8V)	5hR(144A, 1.75V)		1hR(496A, 9.60V)
	800Ah	720Ah		496Ah
Dimensions	Length	Width	Height	Total Height
	410 ±2mm	175 ±2mm	330 ±2mm	367 ±2mm
Approx. weight (±5%)	52 Kg			
Internal resistance	Full charged at 25°C: 0.35mOhms			
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: 160A		2.25-2.30V(-3.3mV/°C)	

### SL28000 (2V800Ah/10hr)

Constant current discharge ratings-amperes at 25°C

End Point Volts/Cell	15min	30min	1h	2h	3h	4h	5h	8h	10h
1.60V	1281	830	496	294	227	183	156	104	86.0
1.65V	1219	793	478	285	220	178	152	102	84.9
1.70V	1156	755	458	274	213	172	148	99.3	83.0
1.75V	1091	716	439	263	204	167	144	97.4	81.8
1.80V	1025	676	418	251	195	160	139	94.8	80.0

Constant power discharge ratings-watts at 25°C

End Point Volts/Cell	15min	30min	1h	2h	3h	4h	5h	8h	10h
1.60V	1995	1497	936	632	451	359	303	199	164
1.65V	1887	1422	896	613	432	348	298	196	162
1.70V	1777	1346	855	594	413	337	292	192	159
1.75V	1667	1267	812	575	394	327	286	189	156
1.80V	1557	1189	769	556	375	310	271	183	154

