

Product Features

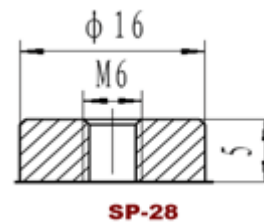
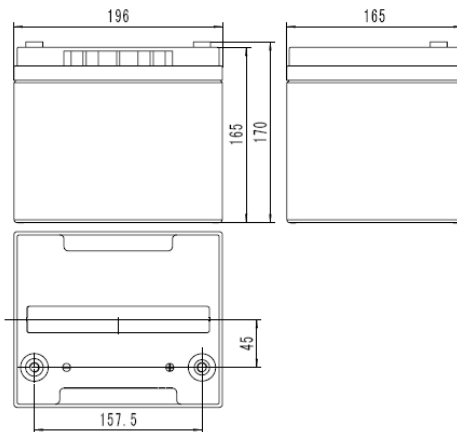
- High tin low calcium alloy grids designed to resist corrosion;
- Patent multi-layer polarity sealing structure, safety and reliable leakage-proof performance
- Patent composite grid structure and plate of high humidity and high temperature curing process which prolong life;
- High purity raw and auxiliary materials, low self discharge

Application

- UPS/EPS
- Emergency lighting
- Communication equipment;
- Renewable Energy
- Power tool
- Universal

Compliant Standards

- GB/T 19639.1-2005 ;
- IEC 61056-1/2: 2002
- JIS C8702-1/2 : 2009 ;
- Passed ISO9001、ISO14001、OHSAS18001、UL and CE certificates



Battery Model	USL120440			
Designed Life	10 Years			
Capacity(25°C)	20HR(2.2A,1.75V)	10HR(4.09A,1.75V)	5HR(7.48A,1.75V)	1HR(26.4A,1.70V)
	44AH	40.9AH	37.4AH	26.4AH
Dimensions	Length	Width	Height	Total Height
	196mm	165mm	165mm	170mm
Approx. Weight	12.40kg			
Internal Resistance	9.0m Ω			
Maximum Discharge Current	570A(5 Sec.)			
Self Discharge	≤2% per months (25°C)			
Charge Voltage(25°C)	Cycle use		Float use	
	14.7V(-24mV/°C), max charge current:11.4A		13.62V(-18mV/°C)	

Discharge parameter:

Constant current discharge data (25°C , A)													
End voltage (V/cell)	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	5h	10h	20h
1.60	130.1	85.50	66.20	51.47	40.00	30.65	24.13	19.10	14.50	10.34	6.700	3.696	2.000
1.65	125.2	82.60	63.82	49.64	38.83	29.57	23.39	18.59	14.20	10.03	6.604	3.644	1.980
1.70	121.2	80.60	61.36	48.04	37.57	28.42	22.80	18.01	13.80	9.768	6.526	3.590	1.940
1.75	116.6	77.30	59.02	46.44	36.50	27.62	22.13	17.39	13.38	9.491	6.460	3.540	1.900
1.80	110.6	74.00	56.90	44.93	35.34	26.94	21.33	16.81	13.00	9.204	6.356	3.483	1.860

Constant power discharge data (25°C , W/cell)													
End voltage (V/cell)	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	5h	10h	20h
1.60	239.4	165.7	130.0	100.6	82.65	61.99	48.00	36.91	27.60	20.10	13.20	7.375	4.062
1.65	231.5	160.9	126.4	97.83	80.74	60.40	46.96	36.10	27.18	19.79	13.03	7.283	4.020
1.70	224.6	156.1	123.4	95.28	79.31	58.73	45.88	35.80	26.80	19.47	12.90	7.199	3.970
1.75	218.4	151.2	120.2	92.74	77.32	57.38	44.70	35.06	26.46	19.23	12.70	7.107	3.910
1.80	209.2	144.6	117.5	90.23	75.18	55.95	43.40	34.28	25.91	19.00	12.50	7.005	3.877

Performance Curve :

