

### Advantages

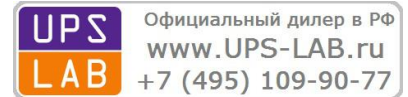
- Standard Commercial according to EUROBAT Classification
- Maximum charge efficiency
- High gas recombination efficiency
- Low self-discharge rate
- Easy handling
- Easy installation in vertical or horizontal

### Application

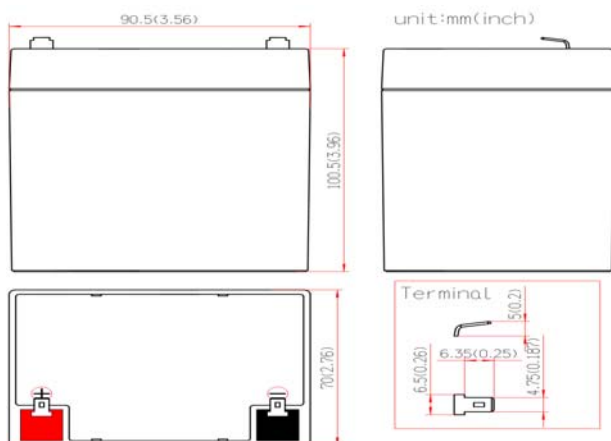
- UPS units
- Emergency power
- Generators starting
- EPS units

### Standards

- IEC 60896-21/22: 2004
- JIS C8702-1/2:2009
- Eurobat guide
- installation compliant with EN50272-2



### Drawing



### Specification

Battery Model	SSP12-5			
Designed Life (Year)	5			
Capacity(Ah/25°C)	20HR(0.25A,1.75V)	10HR(0.465A,1.75V)	5HR(0.8A,1.75V)	1HR( 3.4A,1.70V)
	5	4.65	4	3.4
Dimensions (mm)	Length	Width	Height	Total Height
	90.5	70	100.5	105.5
Approx. Weight (kg)	1.55			
Internal Resistance (mΩ)	30			
Maximum Discharge Current (A/5 Sec.)	70			
Self-Discharge (25°C)	≤2% per months			
Charge Voltage(25°C)	Cycle use		Float use	
	14.7V(-24mV/°C), max charge current:1A		13.62V(-18mV/°C)	

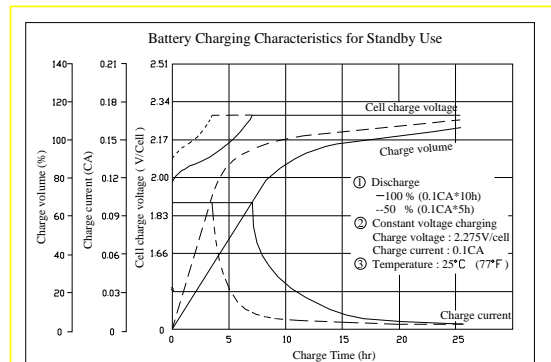
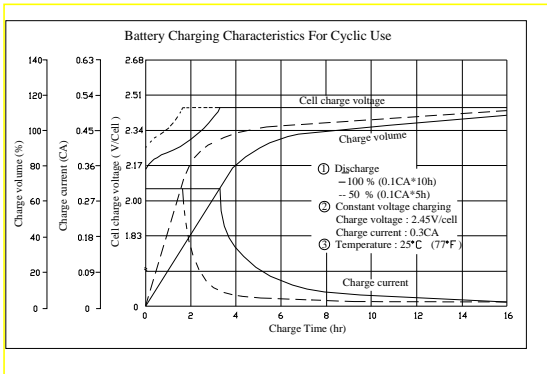
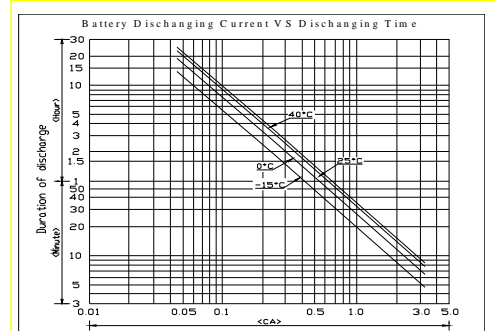
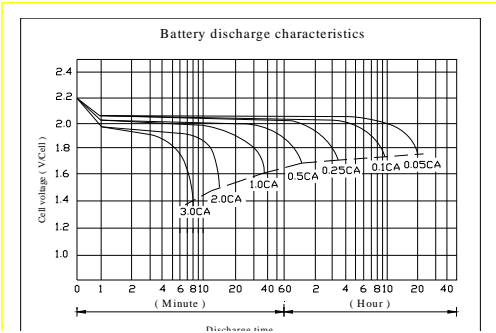
**5**


**Discharge Data**

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	19.750	13.200	10.150	7.2943	5.8650	3.9899	3.4700	2.5784	1.8087	1.2800	0.8704	0.4998	0.2805
1.65	19.037	12.686	9.8245	7.0776	5.7750	3.9611	3.4500	2.5720	1.7957	1.2750	0.8652	0.4947	0.2703
1.70	18.008	12.294	9.5991	7.0244	5.7300	3.9464	3.4250	2.5496	1.7913	1.2700	0.8601	0.4896	0.2652
1.75	16.268	11.505	9.0993	6.8153	5.6000	3.9020	3.3750	2.5330	1.7696	1.2650	0.8549	0.4845	0.2550
1.80	14.529	10.721	8.5946	6.6158	5.4650	3.8305	3.2800	2.4853	1.7391	1.2550	0.8498	0.4743	0.2448

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	216.00	140.40	114.09	83.434	70.380	45.747	41.610	29.425	21.678	15.330	12.267	5.9085	3.3027
1.65	210.38	140.25	112.45	82.563	69.240	46.159	41.490	29.459	21.548	15.300	12.175	5.8479	3.1815
1.70	206.17	136.04	109.87	80.616	68.790	45.391	41.400	29.409	21.496	15.270	12.144	5.7873	3.1209
1.75	186.31	130.43	104.15	78.039	67.140	45.003	40.710	29.209	21.157	15.180	12.113	5.7267	2.9997
1.80	166.42	122.02	98.399	75.749	65.550	44.543	40.020	28.866	20.879	15.060	12.082	5.6358	2.9088

**Performance Curve:**



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