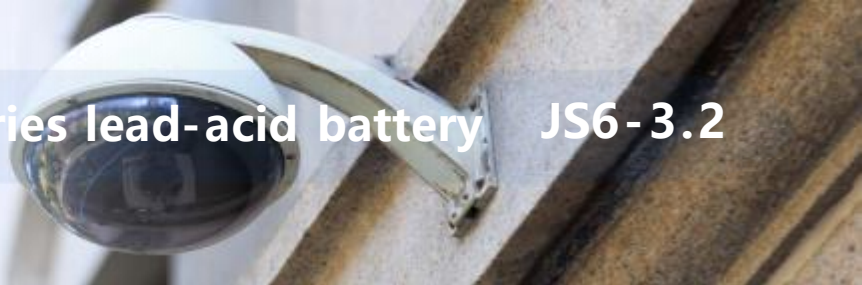




JS Series lead-acid battery JS6-3.2



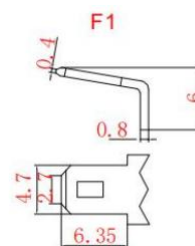
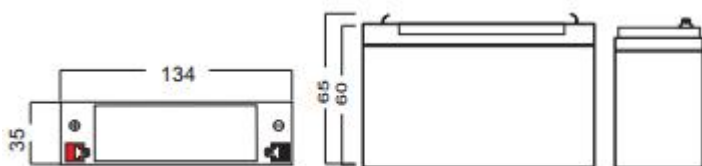
General Features

- ▶High corrosion resistant performance: Pb-Ca multi-alloy grid
- ▶High energy density and power density
- ▶Optimized capability of instant high-current discharging
- ▶Excellent charge acceptance ability
- ▶Excellent deep cycle discharge capability
- ▶Strong high and low temperature performance
- ▶Precision sealing technology



Dimension:134(L)×35(W)×60(H)×65(TH)/(±2mm)

Unit: mm



Specification

Nominal Voltage	6V
Nominal Capacity	3.2Ah@20hour-rate to 1.75V per cell @25℃
Design life	5 years
Terminal	F1
Approx. Weight	Approx. 0.64kg±3% (1.41lbs±3%)
Container Material	ABS(UL94-HB, UL94-V0 optional)
short-circuit current	240A
Internal resistance(Full charged at 25℃:)	30.0 mΩ
Self discharge	3% of capacity declined per month at 25℃

Operating Temperature

Discharge:	-20 ~50℃(-4~ 122°F)
Charge :	-20 ~50℃(-4~ 122°F)
Storage:	-20 ~50℃(-4~ 122°F)

Charge Method(25 °C)

Charge current:	Max. 0.33A;Recom.0.13A
Float charge:6.75-6.90V	recom.6.75V(-9mV/ °C)
Equalize charge:6.90-7.05V	recom.7.05V(-12mV/ °C)
Cycle charge:7.20-7.50V	recom.7.35V(-15mV/ °C)

Standards

Executive standard: IEC 61056-2,
GB/T 19639.1-2014

Applications

- ▶UPS/EPS
- ▶Power systems
- ▶Telecommunications system
- ▶Emergency lighting、Auto control system
- ▶Solar/wind generating storage cyclic
- ▶Other general purpose

Rated Capacity

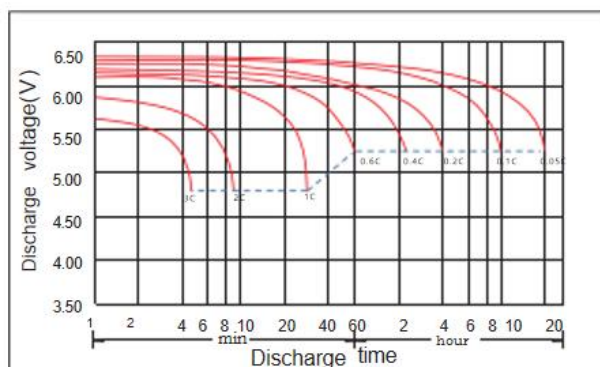
20Hour Rate (0.065A to 5.25V)	1.00Ah
3Hour Rate (0.339A to 5.10V)	1.017Ah
1Hour Rate (0.803A to 4.80V)	0.803Ah

Attain Certificate

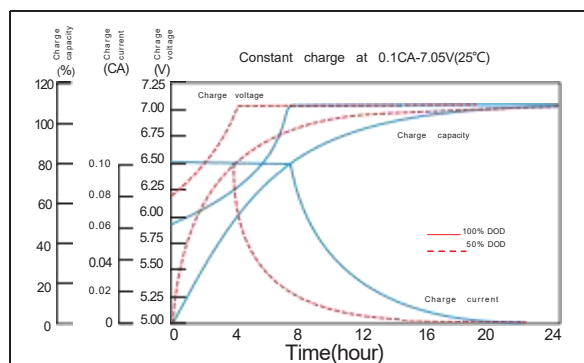
	RoHS

Disclaimer: Manufacturers have the right to self-modify the parameters of the product updates, please keep in touch with manufacturers to obtain the latest information.

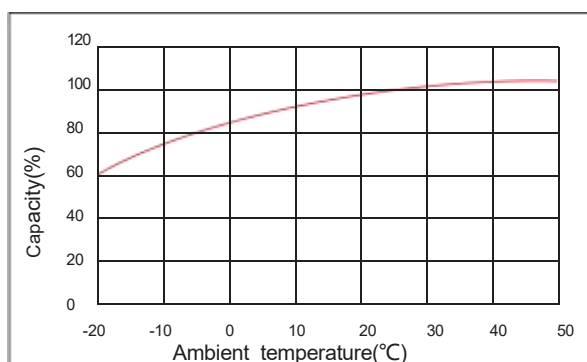
Discharge characteristic



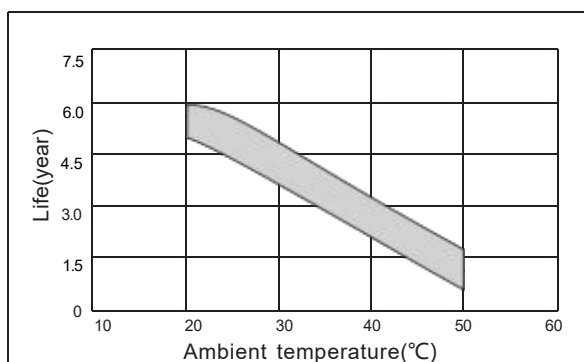
Charging characteristic



The effect of temperature on capacity



The effect of temperature on float life



Constant Current Discharge Characteristics Unit: A (25°C, 77°F)

FV/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	12.7	8.3	6.2	4.1	2.1	1.21	0.88	0.71	0.60	0.40	0.32	0.17
1.65V	12.6	7.9	5.7	3.8	2.0	1.16	0.86	0.69	0.59	0.39	0.31	0.17
1.70V	10.3	7.5	5.3	3.7	1.9	1.14	0.84	0.65	0.58	0.38	0.31	0.16
1.75V	9.6	7.1	4.9	3.6	1.9	1.11	0.83	0.64	0.56	0.37	0.30	0.16
1.80V	8.8	6.7	4.6	3.5	1.8	1.08	0.78	0.63	0.53	0.37	0.29	0.15

Constant Power Discharge Characteristics Unit: W/cell (25°C, 77°F)

FV/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	23.8	14.9	11.3	6.8	3.9	2.27	1.67	1.34	1.14	0.75	0.61	0.34
1.65V	21.9	14.1	10.6	6.8	3.6	2.18	1.62	1.30	1.11	0.74	0.60	0.33
1.70V	20.1	13.7	10.1	6.8	3.5	2.14	1.59	1.23	1.08	0.73	0.60	0.32
1.75V	18.2	13.3	9.8	6.7	3.4	2.09	1.57	1.22	1.06	0.70	0.58	0.32
1.80V	16.3	12.9	9.3	6.7	3.4	2.07	1.53	1.21	1.03	0.68	0.57	0.32