



OR-12-12 (12V12Ah)

CJ12-12 is a general purpose battery with 5 years floating design life , meet with IEC, JIS standard .With heavy duty grid, thickness plates, special additives, RT series battery have long and reliable standby service life.

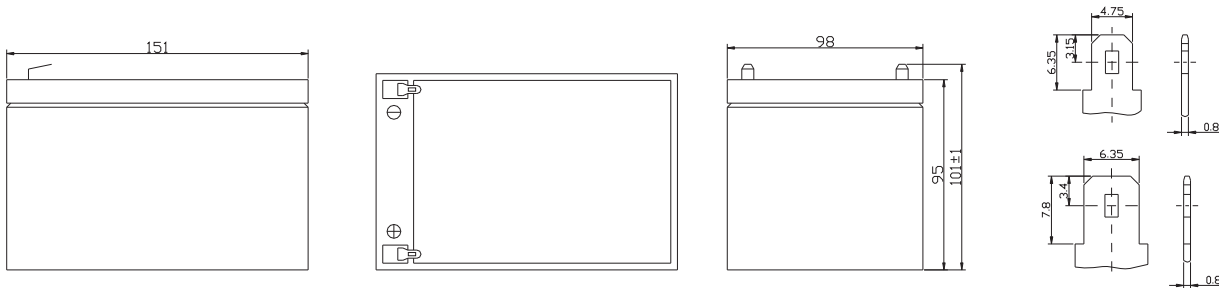
Specification

Cells Per Unit	6
Voltage Per Unit	12
Capacity	12Ah@20hr-rate to 1.75V per cell @25 C °
Weight	Approx. 3.45 Kg
Max. Discharge Current	120 A (5 sec)
Internal Resistance	Approx. 16.5 m Ω
Operating Temperature Range	Discharge: -20 °C~60°C Charge: 0 C~50 C Storage: -20 C~60 C
Normal Operating Temperature Range	25°C ±5°C
Float charging Voltage	13.7 to 13.9 VDC/unit Average at 25 C °
Recommended Maximum Charging Current Limit	3.6 A
Equalization and Cycle Service	14.6 to 14.8 VDC/unit Average at 25 C °
Self Discharge	Valve Regulated Lead Acid (VRLA) batteries can be stored for more than 6 months at 25°C. Self-discharge rate less than 3% per month at 25°C. Please charge batteries before using.
Terminal	Faston Tab 187(F1)/Faston tab 250(F2)
Container Material	A.B.S. (UL94-HB) , Flammability resistance of UL94-V2 can be available upon request.



Dimensions

Unit: mm Dimension: 151(L) × 98(W) × 95(H)



Constant Current Discharge Characteristics : A(25 C) °

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.60V	48.79	31.99	25.08	14.08	8.364	4.817	3.274	2.620	2.176	1.386	1.200	0.673
10.0V	47.03	31.19	24.27	13.90	8.136	4.720	3.213	2.583	2.139	1.380	1.187	0.649
10.2V	44.27	29.65	23.60	13.68	8.060	4.670	3.184	2.558	2.115	1.368	1.169	0.637
10.5V	39.79	27.72	22.26	13.31	7.901	4.609	3.156	2.533	2.090	1.355	1.163	0.618
10.8V	35.65	25.85	21.00	12.87	7.758	4.571	3.119	2.521	2.068	1.350	1.144	0.582
11.1V	31.19	23.70	19.37	12.38	7.550	4.387	3.058	2.499	2.047	1.339	1.126	0.572

Constant Power Discharge Characteristics : W(25 C) °

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.60V	513.3	340.3	268.4	161.1	97.12	56.20	38.26	31.00	25.75	16.59	14.37	8.068
10.0V	500.0	333.2	264.6	159.5	95.69	55.72	38.19	30.92	25.62	16.53	14.24	7.781
10.2V	475.5	320.0	261.1	158.1	94.99	55.37	38.04	30.67	25.37	16.40	14.10	7.638
10.5V	434.0	306.8	247.5	154.8	93.71	54.92	37.89	30.39	25.07	16.26	13.95	7.422
10.8V	391.6	287.0	233.8	151.2	92.17	54.47	37.45	30.28	24.81	16.19	13.74	6.990
11.1V	345.3	267.2	220.2	147.0	90.45	52.58	36.71	29.97	24.57	16.08	13.54	6.879

All mentioned values are average values.