



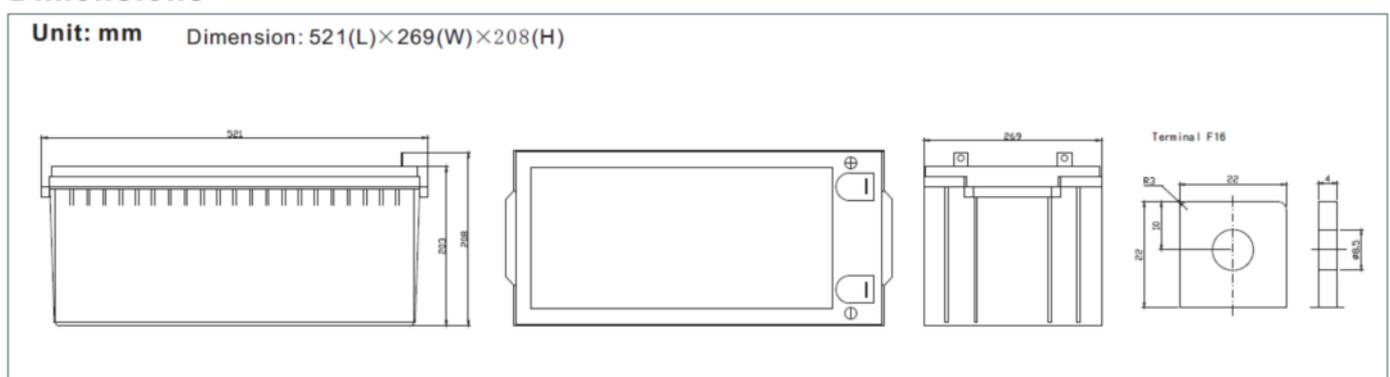
Technical Data: LP260-12

The LP260-12 is a general purpose battery with 10 years floating design life, meeting IEC, JIS, BS and Eurobat standards. With heavy duty, grid thickness plates, special additives, this series of batteries have a long life and reliable standby service life.

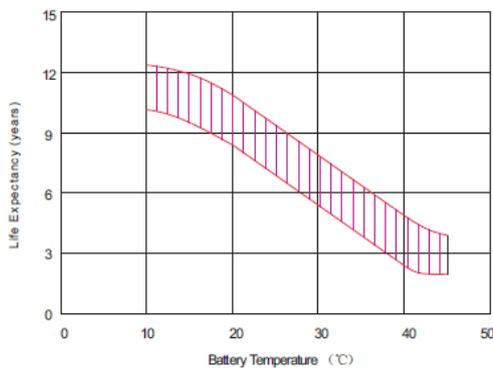
Specification:

Cells Per unit	6
Voltage per unit	12
Capacity	260Ah@20hr-rate to 1.75V per cell @ 25°C
Weight	Approx. 67.0 Kg
Max. Discharge Current	2300A (5Sec)
Internal Resistance	Approx 4.0mΩ
Operating Temperature range	Discharge: -20°C ~ 60°C Charge: 0°C ~ 50°C Storage: -20°C ~ 60°C
Normal Operating Temp. Range	25°C ± 5°C
Float Charging Voltage	13.6 to 13.8VDC/ unit average at 25°C
Recomm. Max Charging Current	69A
Equalization and Cycle Service	14.6 to 14.8VDC/ unit average at 25°C
Self Discharge	Can be stored for more than 6 months at 25°C. Self-discharge ratio less than 3% per month at 25°C. Please charge battery before using.
Terminal	Terminal F12
Container Material	A.B.S.(UL94-HB) Flammability resistance of U94-V1.

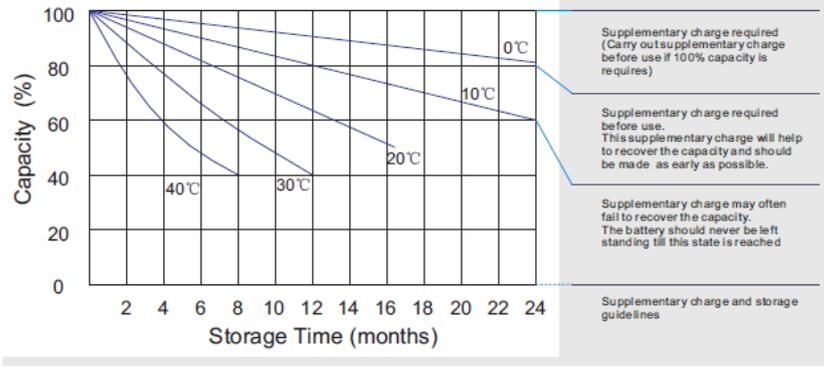
Dimensions



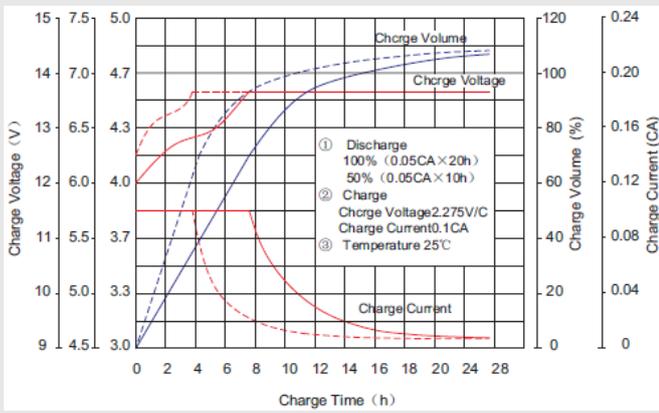
Effect of temperature on long term float life



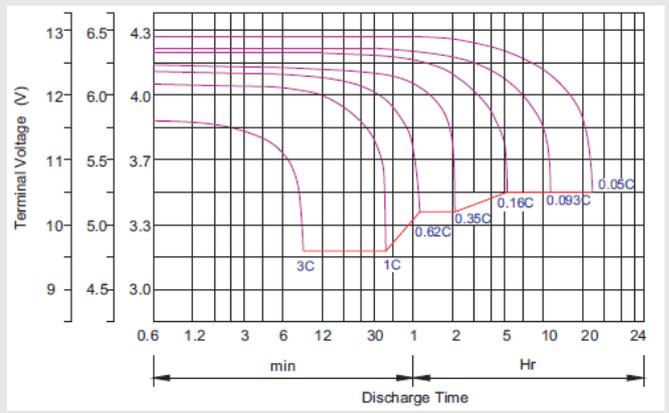
Storage characteristic



Charge characteristic Curve for standby use



Discharge characteristic Curve



Constant Current Discharge Characteristics: A (25°C)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.60V	801.0	591.7	430.6	264.5	149.5	83.51	60.03	49.68	40.66	28.57	24.16	12.78
10.0V	779.6	563.0	421.7	260.1	148.8	82.88	59.80	49.45	40.42	28.34	23.92	12.54
10.2V	734.6	543.2	415.1	257.8	147.4	82.25	59.34	49.22	40.19	28.11	23.69	12.31
10.5V	659.7	501.2	395.2	251.4	146.1	81.63	59.11	48.76	39.71	27.87	23.46	12.08
10.8V	613.8	457.1	364.3	240.4	142.6	80.16	57.50	47.61	38.99	27.41	23.23	11.85
11.1V	534.3	408.5	326.8	225.2	135.5	76.60	54.97	45.31	37.32	26.25	22.53	11.15

Constant Power Discharge Characteristics: W(25°C)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.6V	7629.0	5751.2	4234.5	2984.9	1709.8	960.7	692.8	574.1	470.7	331.5	271.6	143.5
10.0V	7473.1	5493.2	4146.6	2947.7	1701.5	956.9	691.4	572.7	467.9	330.1	268.8	142.1
10.2V	7054.4	5310.2	4090.3	2913.2	1689.1	948.1	687.2	569.9	466.4	327.3	267.5	140.7
10.5V	6352.4	4906.7	3900.2	2846.9	1672.6	939.3	683.1	565.8	462.1	324.6	264.7	139.3
10.8V	5890.8	4455.1	3583.5	2717.2	1631.2	925.5	666.5	550.6	455.0	317.6	261.9	137.9
11.1V	5085.0	3956.5	3199.9	2546.1	1545.6	882.83	633.4	524.4	432.0	306.5	253.5	132.3

Capacity Factors With Different Temperature

-20°C	-10°C	0°C	5°C	10°C	20°C	25°C	30°C	40°C	45°C
46%	66%	76%	83%	90%	98%	100%	103%	107%	109%

Discharge Current VS. Discharger Voltage

Final Discharge Voltage V/Cell	1.75V	1.70V	1.60V
Discharge Current (A)	(A) ≤ 0.2C	0.2C < (A) < 1.0C	(A) ≥ 1.0C

Charge the batteries at least once every 6 months, if they are stored at 25°C