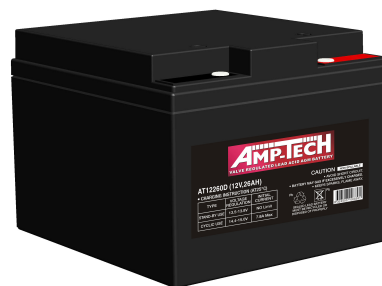
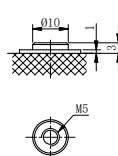
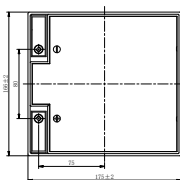
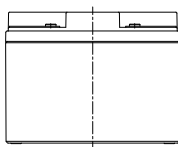
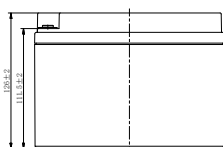


Specification

Cells Per Unit	6
Voltage Per Unit	12
Capacity	26Ah@20hr-rate to 1.75V per cell @25 °C
Weight	Approx. 8.57 Kg (Tolerance ±3.0%)
Internal Resistance	Approx. 12 mΩ
Terminal	T12
Max. Discharge Current	390A (5 sec)
Design Life	5 years (floating charge)
Max. Charging Current	7.8 A
Reference Capacity	C3 19.1AH C5 21.8AH C10 24.3AH C20 26.0AH
Float Charging Voltage	13.5 V~13.8 V @ 25°C Temperature Compensation: -3mV/°C/Cell
Cycle Use Voltage	14.4 V~15.0 V @ 25°C Temperature Compensation: -5mV/°C/Cell
Operating Temperature Range	Discharge: -15°C~50°C Charge: -20°C~40°C Storage: -15°C~40°C
Normal Operating Temperature Range	25°C ±5°C
Self Discharge	AMP-Tech Plus (VRLA) batteries can be stored for up to 6 months at 25°C then recharging is recommended. Monthly self-discharge ratio is less than 3% at 25°C. Please charged batteries before using.
Container Material	A.B.S. UL94-HB, UL94-V0 Optional.



Dimensions



T12 Terminal

Length	166±2mm (6.54 inches)
Width	175±1mm (6.89 inches)
Height	126±1mm (4.96 inches)
Total Height	126±2mm (4.96 inches)
Terminal	Value
M5	6~7 N*m
M6	8~10 N*m
M8	10~12 N*m

Unit: mm

Constant Current Discharge Characteristics : A(25°C)

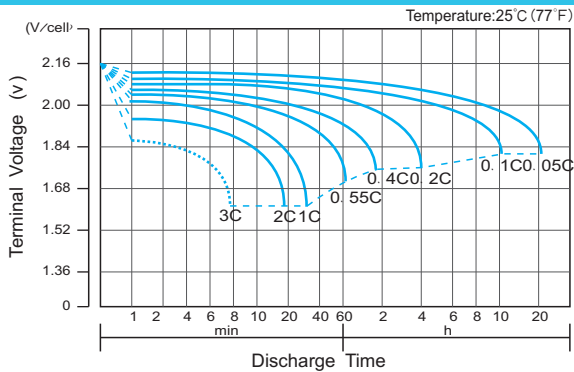
F. V/Time	5MIN	10MIN	15MIN	20MIN	30MIN	45MIN	1H	1.5H	2H	3H	4H	5H	6H	8H	10H	20H
1.85V/cell	50.0	34.8	28.7	24.8	19.96	15.3	12.5	9.38	7.67	5.84	4.81	4.09	3.54	2.80	2.41	1.27
1.80V/cell	61.4	41.5	33.2	28.2	22.10	16.7	13.6	10.0	8.15	6.15	5.06	4.25	3.70	2.92	2.43	1.28
1.75V/cell	72.7	46.9	36.7	30.6	23.7	17.8	14.2	10.5	8.51	6.36	5.21	4.36	3.78	2.99	2.46	1.30
1.70V/cell	82.6	51.7	39.7	32.9	24.8	18.5	14.9	10.9	8.85	6.57	5.34	4.48	3.87	3.05	2.49	1.31
1.67V/cell	91.0	55.6	42.0	34.5	25.9	19.2	15.4	11.3	9.11	6.73	5.45	4.58	3.94	3.08	2.50	1.32
1.60V/cell	95.5	57.9	43.8	35.7	26.6	19.6	15.8	11.5	9.38	6.90	5.59	4.67	4.02	3.15	2.54	1.34

Constant Power Discharge Characteristics : WPC(25°C)

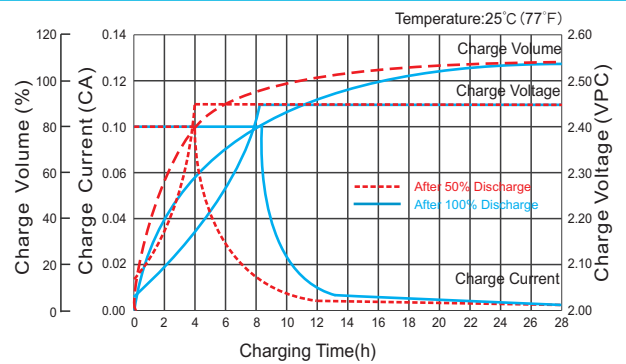
F. V/Time	5MIN	10MIN	15MIN	20MIN	30MIN	45MIN	1H	1.5H	2H	3H	4H	5H	6H	8H	10H	20H
1.85V/cell	94.2	66.3	55.3	48.2	39.0	30.2	24.7	18.5	15.2	11.6	9.56	8.16	7.09	5.65	4.77	2.54
1.80V/cell	114.4	78.3	63.4	54.0	42.8	32.6	26.6	19.7	16.1	12.2	10.0	8.45	7.35	5.82	4.84	2.57
1.75V/cell	133.9	87.7	69.3	58.5	45.4	34.5	27.7	20.5	16.6	12.5	10.2	8.64	7.48	5.94	4.88	2.60
1.70V/cell	150.2	95.6	74.4	62.3	47.5	35.7	28.7	21.3	17.3	12.8	10.5	8.80	7.61	5.99	4.93	2.62
1.67V/cell	163.4	101.5	77.7	64.7	49.0	36.8	29.8	22.0	17.6	13.1	10.6	8.96	7.74	6.05	4.96	2.64
1.60V/cell	168.9	104.6	80.0	66.0	49.8	37.1	30.2	22.2	18.0	13.3	10.8	9.07	7.86	6.17	5.01	2.67

(Note) The above characteristics data are average values obtained within three charge/discharge cycle not the minimum values.
The battery must be fully charged before the capacity test. The C₂₀ should reach 95% after the first cycle and 100% after the third cycle.

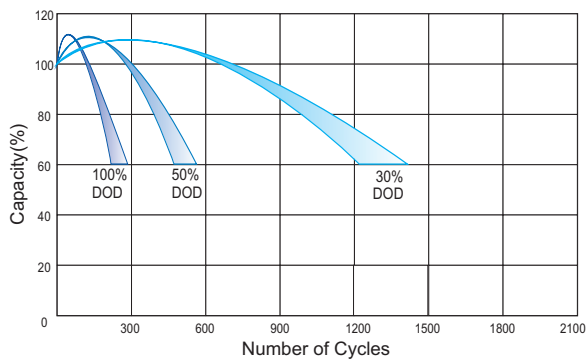
Discharge Characteristics Curve



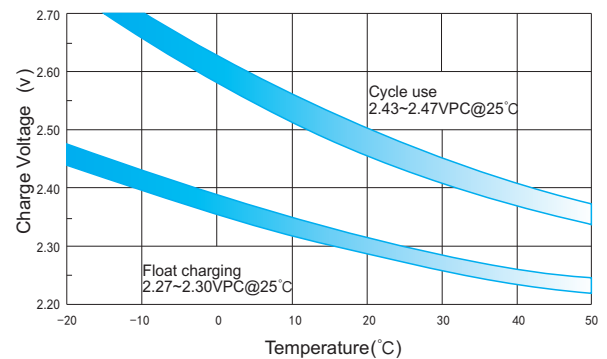
Charge Characteristic Curve for Cycle Use(IU)



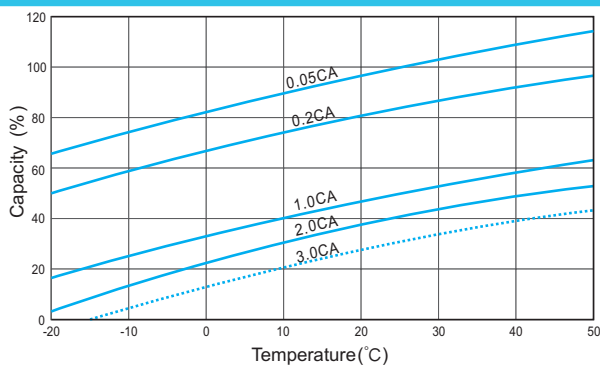
Cycle Life in Relation to Depth of Discharge



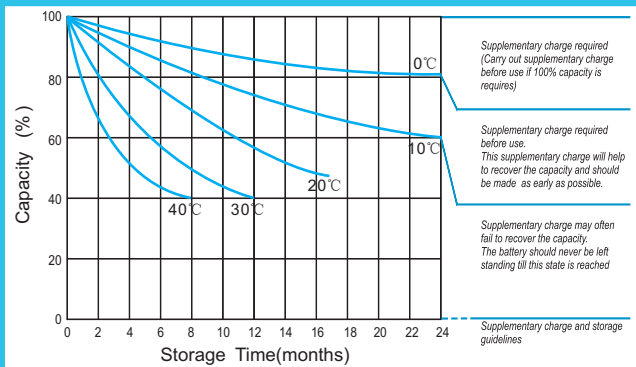
Relationship Between Charging Voltage and Temperature



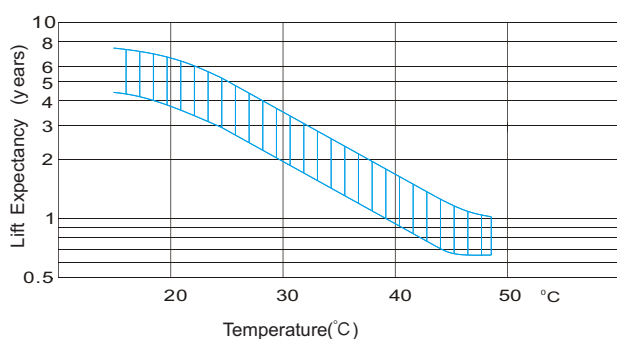
Temperature Effects on Capacity



Storage Characteristics



Effect of Temperature on Long Term Life



Relationship of OCV And State of Charge(20°C)

