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Liftech

CB26-12 ▶ 12V26Ah

CB26-12 is a general purpose battery up to 5 years in standby service or more than 260 cycles at 100% discharge in cycle service. As with all Liftech batteries, all are rechargeable, highly efficient, leak proof and maintenance free.

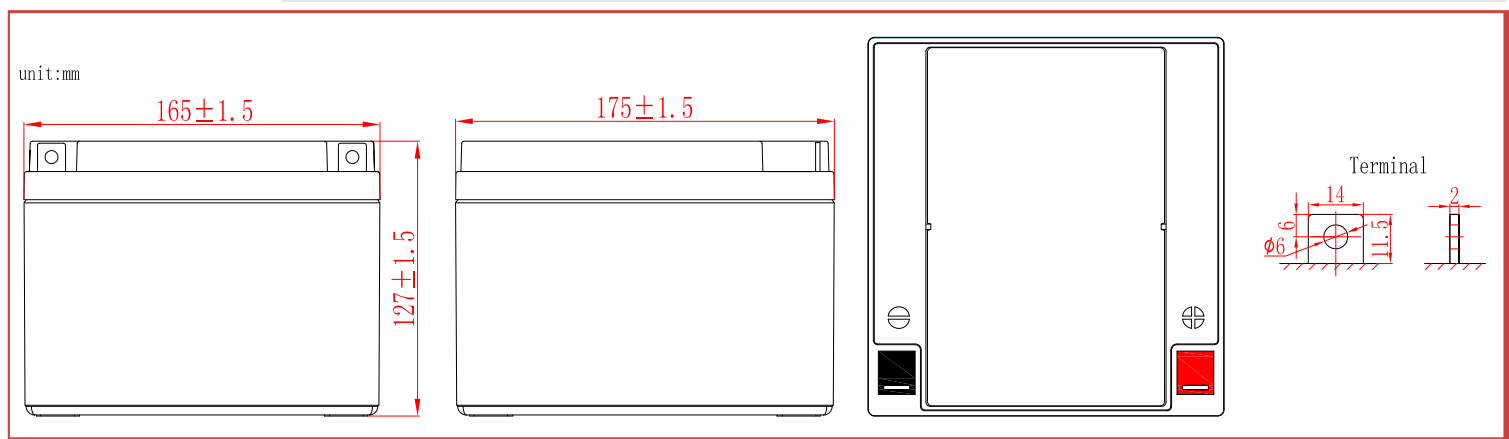
► Specification

Cells Per Unit	6
Voltage Per Unit	12
Capacity	26Ah @ 20hr-rate to 1.75V per cell @25 °C (77°F)
Weight	Approx 7.4 kg (16.31lbs)
Maximum Discharge Current	375A(5sec)
Internal Resistance	Approx. 11 mΩ
Operating Temperature Range	Discharge: -15°C~50°C (5°F~122°F) Charge: -15 °C~40°C (5°F~104°F) Storage: -15°C~40°C (5°F~104°F)
Nominal Operating Temperature Range	25°C±3°C (77°F±5°F)
Float Charging Voltage	13.5 to 13.8 VDC/unit Average at 25°C (77°F)
Recommended Maximum Charging Current Limit	7.5A
Equalization and Cycle Service	14.4 to 14.8 VDC/unit Average at 25°C (77°F)
Self Discharge	This batteries can be stored for more than 6 months at 25°C (77°F). Please charge batteries before using. For igher temperatures the time interval will be shorter.
Terminal	M6 terminal
Container Material	ABS(UL 94-HB) & Flammability resistance of (UL 94-V0) can be available upon request.

► Dimensions :

Unit: mm

Overall Height (H)	Container height (h)	Length (L)	Width (W)
127±1.5	127±1.5	165±1.5	175±1.5



UL
MH 27774-1

CE
CTK20141211018

TLC

VRLA (Absorbent Glass Mat type) batteries are UL-recognized components under UL1989.

This is also certified by ISO 9001 and ISO 14001.

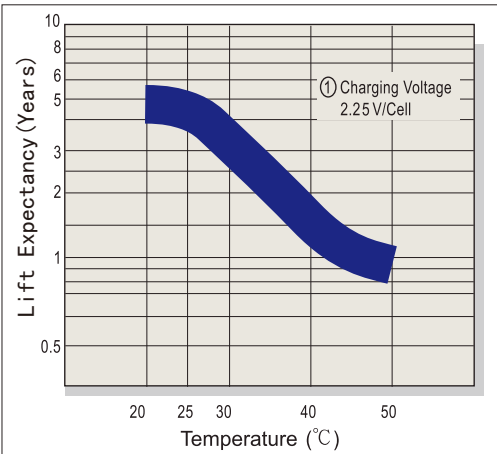
Constant Current Discharge Characteristics Unit:A (25°C, 77°F)

F.V/Time	5min	15min	30min	1h	3h	5h	10h	20h
1.60V	84.9	48.0	27.58	15.25	6.56	4.42	2.47	1.326
1.67V	83.3	47.2	27.41	15.11	6.54	4.39	2.46	1.321
1.7V	80.8	45.8	27.06	14.89	6.50	4.33	2.45	1.313
1.75V	76.5	43.7	26.46	14.51	6.42	4.25	2.43	1.300
1.8V	68.6	40.2	25.36	13.79	6.20	4.10	2.36	1.271
1.85V	53.2	34.0	23.46	12.65	5.75	3.83	2.24	1.222

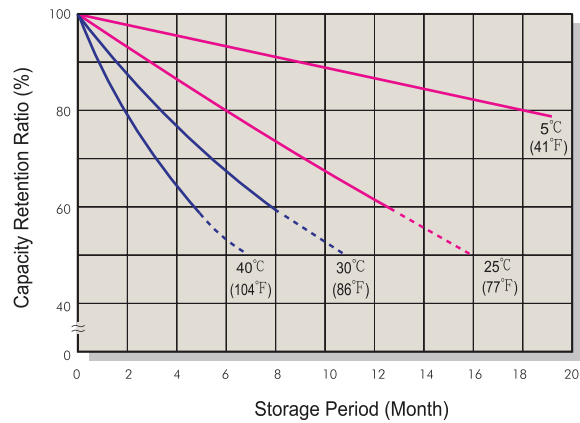
Constant Power Discharge Characteristics Unit:W (25°C, 77°F)

F.V/Time	5min	15min	30min	1h	3h	5h	10h	20h
1.60V	145.0	92.3	53.3	28.99	12.94	8.62	4.87	2.63
1.67V	138.3	87.5	53.0	28.76	12.87	8.60	4.85	2.63
1.7V	129.1	81.8	52.5	28.42	12.79	8.52	4.82	2.61
1.75V	116.7	74.8	51.5	27.90	12.64	8.37	4.76	2.58
1.8V	100.0	66.2	49.4	26.98	12.21	8.07	4.62	2.53
1.85V	77.9	55.6	45.7	25.13	11.44	7.61	4.42	2.44

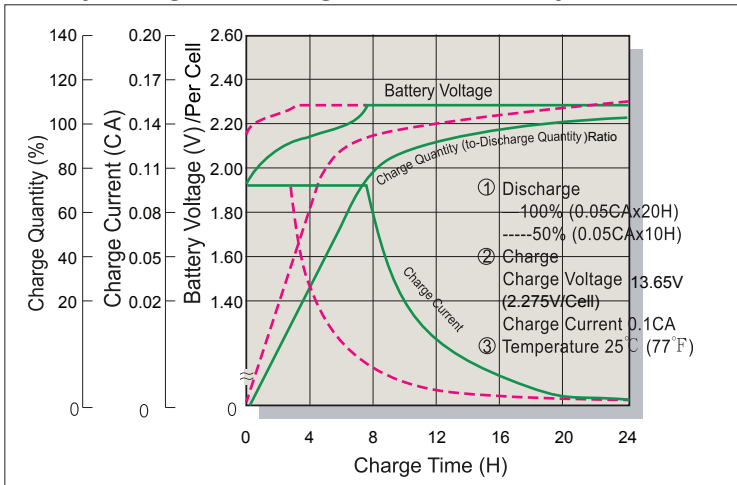
Trickle(or Float)Design Life



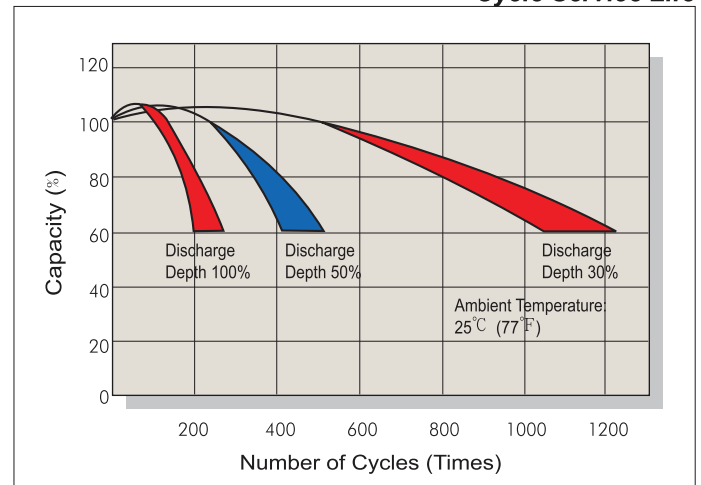
Capacity Retention Characteristic



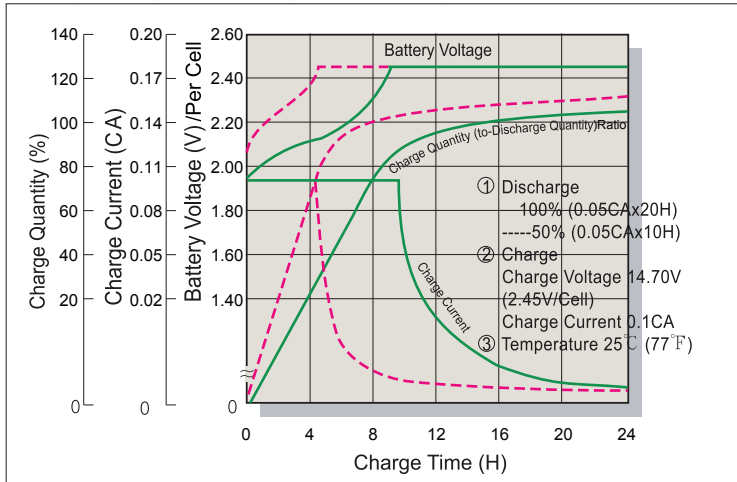
Battery Voltage and Charge Time for Standby Use



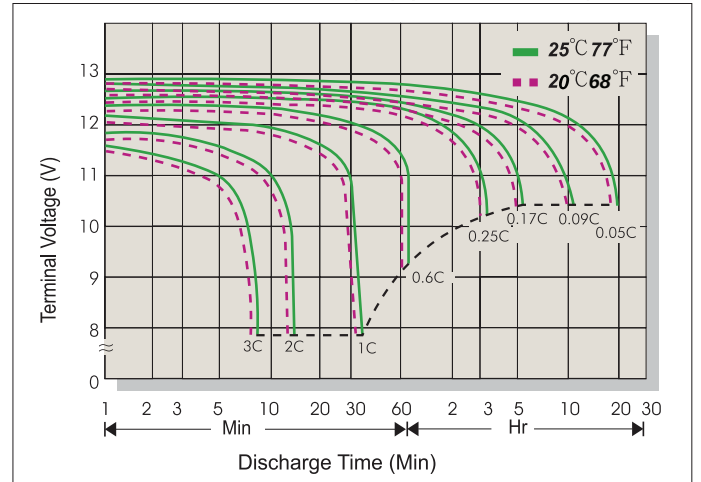
Cycle Service Life



Battery Voltage and Charge Time for Cycle Use



Terminal Voltage (V) and Discharge Time



Charging Procedures

Application	Charge Voltage(V/Cell)			Max.Charge Current
	Temperature	Set Point	Allowable Range	
Cycle Use	25°C(77°F)	2.45	2.40~2.50	0.3C
Standby	25°C(77°F)	2.275	2.25~2.30	

Discharge Current VS. Discharge Voltage

Final Discharge Voltage V/Cell	1.75	1.70	1.65	1.60
Discharge Current(A)	0.2C>(A)	0.2C<(A)<0.5C	0.5C<(A)<1.0C	(A)>1.0C

Effect of temperature on capacity (20HR)

Temperature	Dependency of Capacity (20HR)
40 °C	102%
25 °C	100%
0 °C	85%
-15 °C	65%

Self-discharge Characteristics

Storage time	Storage time
3 Months	91%
6 Months	82%
12 Months	64%