

Specification

Code:460-6230

Nominal Voltage	12V	
Nominal Capacity(10HR)	125.0AH	
Dimension	Length	552±3mm (21.7 inches)
	Width	110±2mm (4.33 inches)
	Container Height	288±3mm (11.33 inches)
	Total Height (with Terminal)	288±3mm (11.33 inches)
Approx Weight	Approx 41.5 Kg (91.5 lbs)	
Terminal	T6-A	
Container Material	ABS	
Rated Capacity	132.4 AH/6.62A	(20hr, 1.80V/cell, 25°C/77°F)
	125.0 AH/12.5A	(10hr, 1.80V/cell, 25°C/77°F)
	119.2 AH/14.9A	(8hr, 1.80V/cell, 25°C/77°F)
	108.5 AH/21.7A	(5hr, 1.75V/cell, 25°C/77°F)
	80.1 AH/80.1A	(1hr, 1.67V/cell, 25°C/77°F)
Max. Discharge Current	1100A (5s)	
Internal Resistance	Approx 4.5mΩ	
Operating Temp. Range	Discharge	-15~50°C (5~122°F)
	Charge	0~40°C (32~104°F)
	Storage	-15~40°C (5~104°F)
Nominal Operating Temp. Range	25±3°C (77±5°F)	
Cycle Use	Initial Charging Current less than 37.5A. Voltage 14.4V~15.0V at 25°C(77°F)Temp. Coefficient -30mV/°C	
	Standby Use No limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C(77°F)Temp. Coefficient -20mV/°C	
Capacity affected by Temperature	40°C (104°F)	103%
	25°C (77°F)	100%
	0°C (32°F)	86%
Self Discharge	CT series batteries may be stored for up to 6 months at 25°C(77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.	



Applications

- ◆ For standard 19 inches or 23 inches power cabinets
- ◆ Network connection equipment of communication system
- ◆ Power system of special network or local area network
- ◆ UPS, standby power supply
- ◆ Power station systems
- ◆ Railway and marine systems



Constant Current Discharge (Amperes) at 25 °C (77°F)

F.V/Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	180.8	159.0	141.6	114.6	88.4	71.8	42.4	31.0	24.9	20.9	18.1	14.4	12.0	6.33
1.80V/cell	210.0	180.0	157.2	123.9	93.3	75.1	43.9	32.2	25.6	21.5	18.5	14.9	12.5	6.62
1.75V/cell	231.8	195.2	167.7	129.6	96.7	77.4	44.9	32.7	26.0	21.7	18.8	15.1	12.6	6.68
1.70V/cell	246.8	205.4	174.0	133.4	98.7	78.6	45.6	33.1	26.3	22.0	19.1	15.3	12.8	6.73
1.67V/cell	258.0	214.0	178.8	136.0	100.8	80.1	46.2	33.4	26.6	22.3	19.3	15.4	12.9	6.77
1.60V/cell	269.3	220.0	183.0	138.3	102.4	81.4	46.8	33.8	26.9	22.5	19.4	15.6	13.0	6.80

Constant Power Discharge (Watts/cell) at 25 °C (77°F)

F.V/Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	337.5	299.9	269.7	220.6	171.7	139.8	83.3	61.1	49.1	41.3	35.9	28.6	23.9	12.7
1.80V/cell	387.6	335.0	295.1	235.0	179.9	145.6	85.6	63.0	50.4	42.3	36.7	29.5	24.9	13.2
1.75V/cell	420.9	358.7	311.8	243.8	184.5	149.3	87.3	63.7	50.9	42.7	37.1	29.9	25.2	13.3
1.70V/cell	438.1	372.3	321.2	249.6	187.7	151.3	88.3	64.5	51.5	43.0	37.5	30.3	25.4	13.4
1.67V/cell	456.3	386.4	328.7	253.9	191.2	153.8	89.4	64.9	51.9	43.5	37.8	30.5	25.6	13.5
1.60V/cell	463.1	389.4	331.6	254.9	192.0	154.6	89.6	65.2	52.1	43.8	38.0	30.7	25.8	13.5

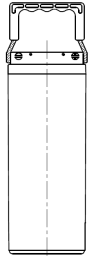
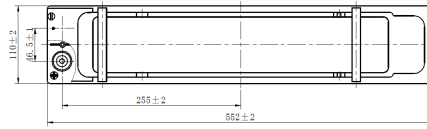
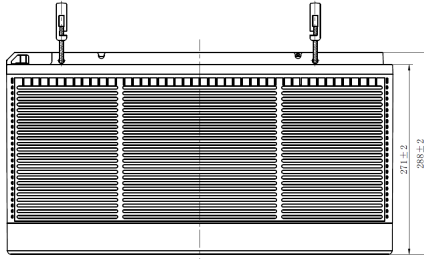
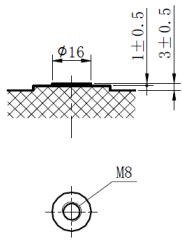
Specifications subject to change without notice.



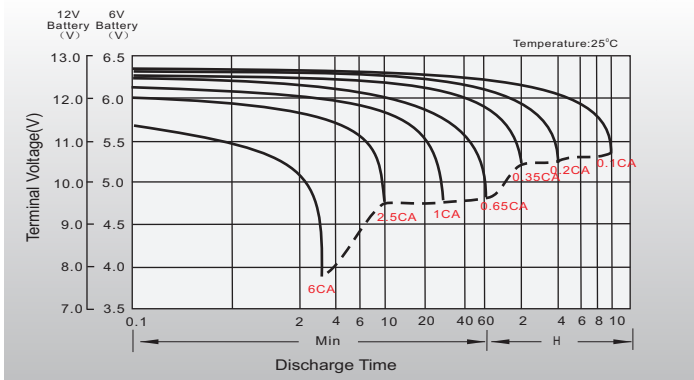
Dimensions

T6-A Terminal

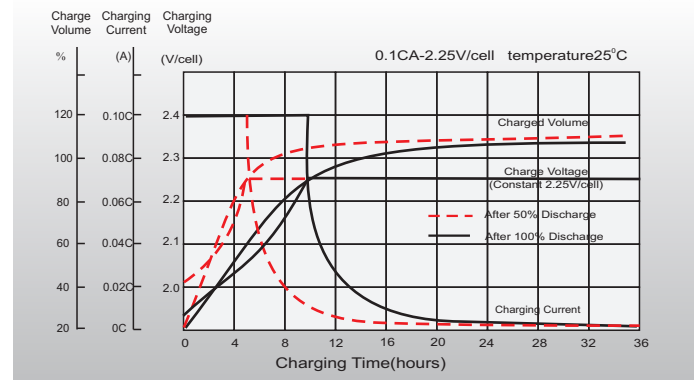
Unit: mm



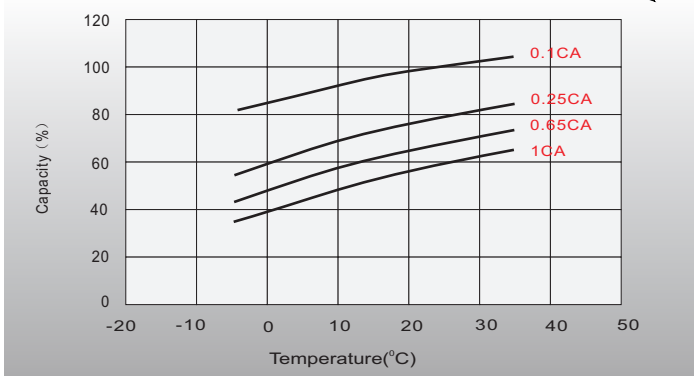
Discharge Characteristics



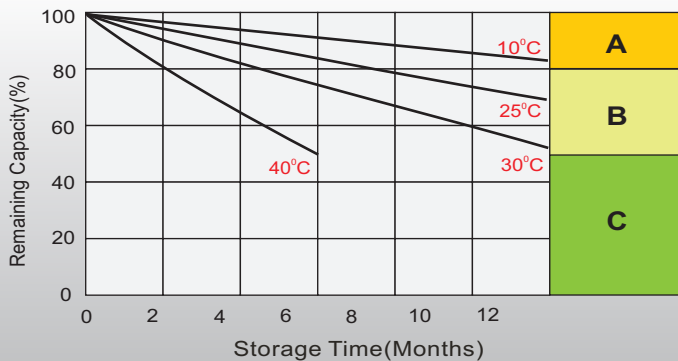
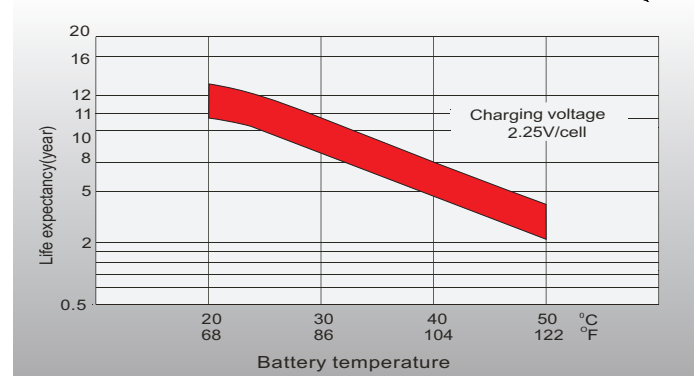
Float Charging Characteristics



Temperature Effects in Relation to Battery Capacity



Effect of Temperature on Long Term Float Life



Self Discharge Characteristics

- A** No supplementary charge required
(Carry out supplementary charge before use if 100% capacity is required.)
- B** Supplementary charge required before use. Optional charging way as below:
 1. Charged for above 3 days at limited current 0.25CA and constant volatge 2.25V/cell.
 2. Charged for above 20hours at limited current 0.25CA and constant volatge 2.45V/cell.
 3. Charged for 8~10hours at limited current 0.05CA .
- C** Supplementary charge may often fail to recover the capacity.
The battery should never be left standing till this is reached.

Sales Office

Finland and Baltic countries
Celltech Oy
Höyläamötie 11 A, 00380 Helsinki, Finland
TEL: +358 (0) 207 999 640
E-mail: info@celltech.fi
www.celltech.fi

Denmark
Celltech A/S
Lejrvej 25, 3500 Vaerloese, Denmark
TEL: +45 7025 2201
E-mail: info@celltech.dk
www.celltech.dk

Norway
Staubo Elektro-Maskin AS
Bjoernerudveien 12 C, 1266 Oslo, Norway
TEL: +47 22 75 35 00
E-Mail: post@staubo.no
www.staubo.no