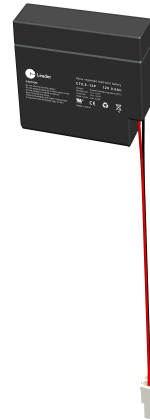


Specification

Code:460-6045

Nominal Voltage	12V	
Nominal Capacity(20HR)	0.8AH	
Dimensions	Length	96± 1mm (3.78 inches)
	Width	25± 1mm (0.98 inches)
	Container Height	62± 1mm (2.44 inches)
	Total Height (with Terminal)	62± 1mm (2.44 inches)
Approx Weight	Approx 0.35 kg (0.77lbs)	
Terminal	/	
Container Material	ABS	
Rated Capacity	0.80 AH/0.04A	(20hr , 1.80V/cell,25°C/77°F)
	0.74 AH/0.074A	(10hr, 1.80V/cell,25°C/77°F)
	0.67 AH/0.134A	(5hr, 1.75V/cell,25°C/77°F)
	0.588 AH/0.196A	(3hr, 1.75V/cell,25°C/77°F)
	0.493 AH/0.493A	(1hr, 1.60V/cell,25°C/77°F)
Max. Discharge Current	12A (5s)	
Internal Resistance	Approx 150mΩ	
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 0.24A.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

- ◆ Emergency backup power supply
- ◆ Emergency light
- ◆ Railway signal
- ◆ Aircraft signal
- ◆ Alarm and security system
- ◆ Electronic apparatus and equipment
- ◆ Communication power supply
- ◆ DC power supply
- ◆ Auto control system

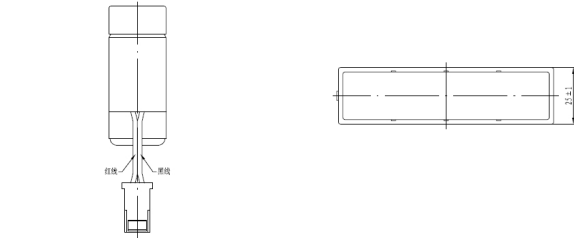
Constant Current Discharge (Amperes) at 25 °C (77°F)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	1.48	1.07	0.896	0.766	0.614	0.473	0.386	0.236	0.180	0.148	0.125	0.109	0.086	0.072	0.040
1.80V/cell	1.89	1.28	1.02	0.866	0.680	0.515	0.416	0.251	0.189	0.155	0.131	0.113	0.090	0.074	0.040
1.75V/cell	2.24	1.44	1.13	0.943	0.726	0.547	0.438	0.262	0.196	0.160	0.134	0.116	0.092	0.076	0.040
1.70V/cell	2.54	1.61	1.24	1.02	0.773	0.575	0.459	0.272	0.202	0.164	0.138	0.119	0.093	0.077	0.041
1.65V/cell	2.80	1.74	1.33	1.09	0.814	0.599	0.475	0.280	0.207	0.168	0.141	0.121	0.095	0.078	0.042
1.60V/cell	3.02	1.88	1.42	1.16	0.856	0.624	0.493	0.289	0.212	0.172	0.144	0.124	0.097	0.080	0.042

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

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	2.81	2.05	1.73	1.49	1.20	0.931	0.765	0.470	0.359	0.296	0.252	0.219	0.175	0.146	0.080
1.80V/cell	3.55	2.43	1.97	1.68	1.33	1.01	0.821	0.498	0.376	0.310	0.262	0.228	0.180	0.150	0.081
1.75V/cell	4.16	2.73	2.16	1.82	1.41	1.07	0.862	0.517	0.388	0.319	0.268	0.233	0.185	0.153	0.081
1.70V/cell	4.69	3.02	2.36	1.96	1.50	1.12	0.901	0.537	0.400	0.326	0.274	0.238	0.187	0.155	0.083
1.65V/cell	5.11	3.23	2.50	2.07	1.57	1.16	0.929	0.551	0.409	0.332	0.280	0.242	0.189	0.156	0.083
1.60V/cell	5.45	3.44	2.65	2.19	1.63	1.20	0.959	0.566	0.417	0.339	0.284	0.246	0.193	0.159	0.084

Dimensions



Discharge Characteristics



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