

Specification

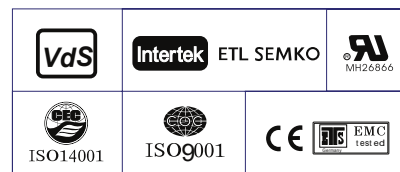
Code:460-6080

Nominal Voltage	12V
Nominal Capacity(20HR)	7.2Ah
Dimensions	Length 151mm (5.94 inches)
	Width 65mm (2.56 inches)
	Container Height 94mm (3.70 inches)
	Total Height (with Terminal) 100mm (3.94 inches)
Approx Weight	Approx 2.3 kg (5.07lbs)
Terminal	F1/F2
Container Material	ABS
Rated Capacity	7.5 Ah / 0.375 A (20hr,10.5V,25°C/77°F)
	7.3 Ah / 0.73 A (10hr,10.5V,25°C/77°F)
	6.6 Ah / 1.32 A (5hr,10.5V,25°C/77°F)
	5.47 AH / 5.47 A (1hr,9.6V,25°C/77°F)
Max. Discharge Current	115A (5s)(25°C/77°F)
Internal Resistance	Fully charged battery(25°C/77°F)Approx 25mΩ
Operating Temp.Range	Discharge : -20~60°C (-4~140°F)
	Charge : -10~60°C (14~140°F)
	Storage : -20~60°C (-4~140°F)
Nominal Operating Temp. Range	25±3°C (77±5°F)
Cycle Use	Initial Charging Current less than 3.0A.Voltage 14.4V~14.7V at 25°C(77°F)Temp. Coefficient -30mV/°C
Standby Use	No limit on Initial Charging Current Voltage 13.4V~13.8V at 25°C(77°F)Temp. Coefficient -20mV/°C
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 intervall will be shorter.



Applications

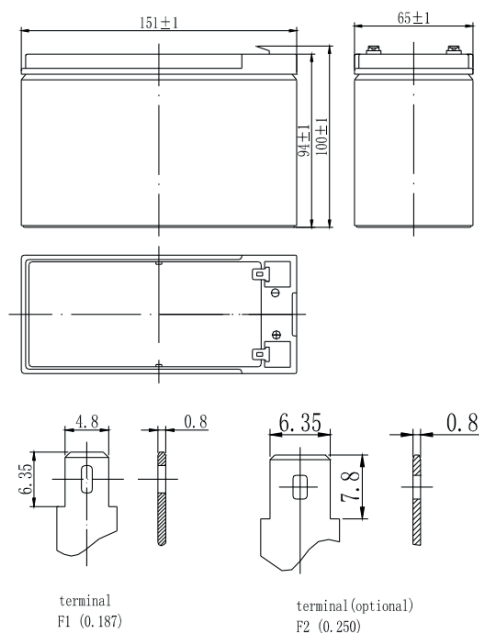
- ◆ Emergency backup power supply
- ◆ Emergency light
- ◆ Railway signal
- ◆ Aircraft signal
- ◆ Alarm and security system Electronic apparatus and equipment
- ◆ Communication power supply
- ◆ DC power supply
- ◆ Auto control system



Dimensions

F1 Terminal

Unit: mm



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

F.V/Time	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V/cell	34.2	21.4	14.9	9.05	5.47	2.14	1.47	0.76	0.390
1.65V/cell	32.4	20.4	14.5	8.93	5.28	2.07	1.43	0.75	0.385
1.70V/cell	30.6	19.4	14.1	8.78	5.06	2.01	1.37	0.74	0.380
1.75V/cell	28.7	18.2	13.7	8.58	4.85	1.93	1.32	0.73	0.375
1.80V/cell	26.8	17.2	13.1	8.35	4.61	1.87	1.28	0.72	0.365

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

F.V/Time	5min	10min	15min	30min	1h	2h	3h	5h	20h
1.60V/cell	60.8	40.8	28.3	16.3	9.70	5.85	4.20	2.71	...
1.65V/cell	57.8	38.8	27.7	16.1	9.58	5.72	4.09	2.67	...
1.70V/cell	54.8	36.7	27.0	15.9	9.42	5.57	3.98	2.62	...
1.75V/cell	52.0	34.7	26.3	15.6	9.24	5.39	3.85	2.57	...
1.80V/cell	49.1	32.6	25.5	15.2	9.01	5.22	3.73	2.50	...

