

Specification

Code:460-6130

Nominal Voltage	12V
Nominal Capacity(10HR)	120Ah
Dimensions	Length 410mm (16.1 inches)
	Width 176mm (6.93 inches)
	Container Height 224mm (8.82 inches)
	Total Height (with Terminal) 224mm (8.82 inches)
Approx Weight	Approx 38.0 kg (83.8lbs)
Terminal	M8
Container Material	ABS
Rated Capacity	...Ah / ...A (20hr, 10.5V, 25°C/77°F)
	120Ah / 12.0A (10hr, 10.8V, 25°C/77°F)
	100Ah / 20.0A (5hr, 10.5V, 25°C/77°F)
	71.6Ah / 71.6A (1hr, 9.6V, 25°C/77°F)
Max. Discharge Current	950A (5s)(25°C/77°F)
Internal Resistance	Fully charged battery(25°C/77°F) Approx 5.3mΩ
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 36.0A. Voltage 14.4V~14.7V at 25°C(77°F)Temp. Coefficient -30mV/°C
Standby Use	No limit on Initial Charging Current Voltage 13.2V~13.8V at 25°C(77°F)Temp. Coefficient -20mV/°C
Self Discharge	3% of capacity declined per month at 20°C(Average)



Applications

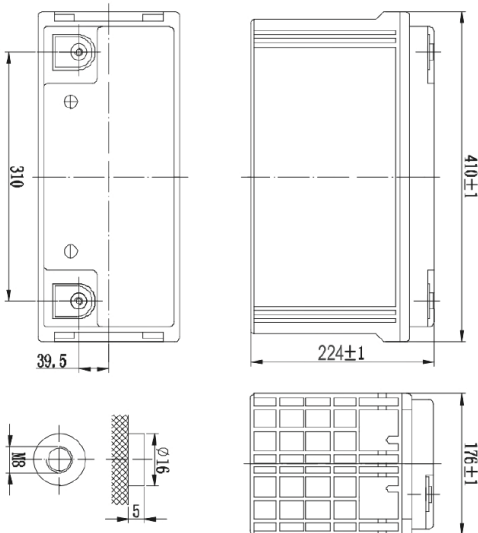
- ◆ Emergency backup power supply
- ◆ Emergency light
- ◆ Railway signal
- ◆ Aircraft signal
- ◆ Alarm and security system
- ◆ Electronic apparatus and equipment
- ◆ Communication power supply
- ◆ DC power supply
- ◆ Auto control system



Dimensions

M8 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	...	...	196	120	71.6	32.0	21.0	12.5	...
1.65V/cell	...	...	195	116	71.1	31.5	21.0	12.3	...
1.70V/cell	...	...	187	112	69.7	31.0	20.7	12.2	...
1.75V/cell	...	...	179	108	67.5	30.5	20.0	12.1	...
1.80V/cell	...	...	167	106	65.4	28.1	19.3	12.0	...

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

F. V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h
1.60V/cell	...	...	370	227	172	141	79.6	59.2	39.5
1.65V/cell	...	...	358	220	171	137	76.8	56.6	38.9
1.70V/cell	...	...	346	213	157	131	74.0	55.0	38.3
1.75V/cell	...	...	334	206	154	128	72.6	54.1	37.4
1.80V/cell	...	...	310	199	150	124	70.8	53.0	37.0

