

Specification

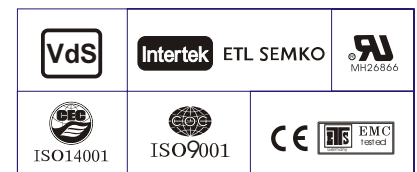
Code:460-6140

Nominal Voltage	12V
Nominal Capacity(10HR)	200Ah
Dimensions	Length 522mm (20.6 inches)
	Width 238mm (9.37 inches)
	Container Height 218mm (8.58 inches)
	Total Height (with Terminal) 223mm (8.78 inches)
Approx Weight	Approx 65 kg (143 lbs)
Terminal	M8
Container Material	ABS
Rated Capacity	...Ah / ...A (20hr, 10.5V, 25°C/77°F)
	200Ah / 20.0A (10hr, 10.8V, 25°C/77°F)
	180Ah / 36.0A (5hr, 10.5V, 25°C/77°F)
	128Ah / 128A (1hr, 9.6V, 25°C/77°F)
Max. Discharge Current	1000A (5s)(25°C/77°F)
Internal Resistance	Fully charged battery(25°C/77°F) Approx 4.0mΩ
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 60.0A. 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

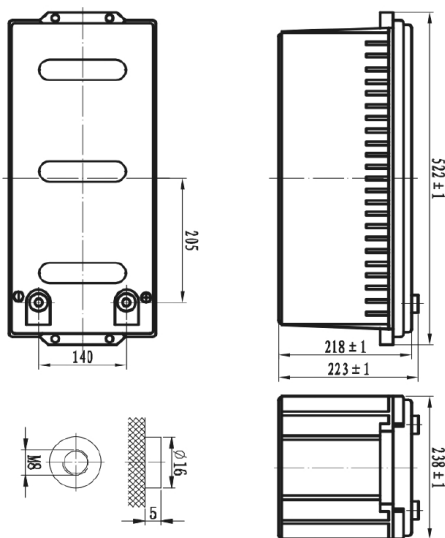
- ◆ Emergency backup power supply
- ◆ Emergency light
- ◆ Railway signal
- ◆ Aircraft signal
- ◆ Alarm and security system
- ◆ Electronic apparatus and equipment
- ◆ Communication power supply
- ◆ DC power supply
- ◆ Auto control system



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	...	...	360	220	128	57.6	38.2	20.4	...
1.65V/cell	...	...	350	212	124	55.6	37.2	20.3	...
1.70V/cell	...	...	337	206	120	55.0	36.6	20.2	...
1.75V/cell	...	...	319	200	117	53.4	36.0	20.1	...
1.80V/cell	...	...	269	187	114	51.0	35.4	20.0	...

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	...	...	625	402	294	230	...	109	73.0
1.65V/cell	...	...	604	390	286	225	...	107	72.0
1.70V/cell	...	...	586	382	279	221	...	105	71.2
1.75V/cell	...	...	578	372	274	217	...	101	70.2
1.80V/cell	...	...	554	364	270	215	...	98.0	69.3

