

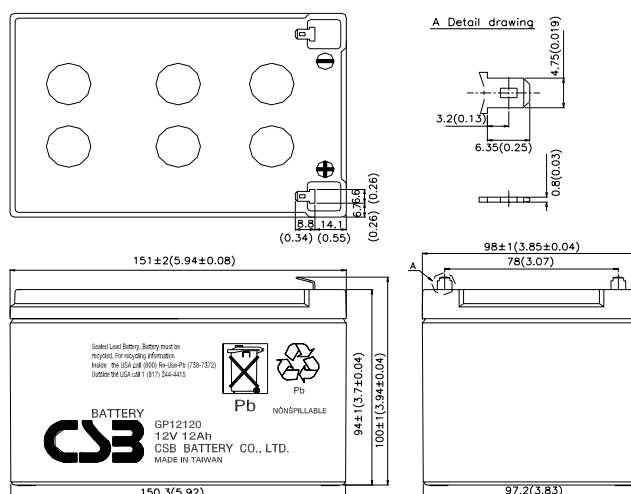
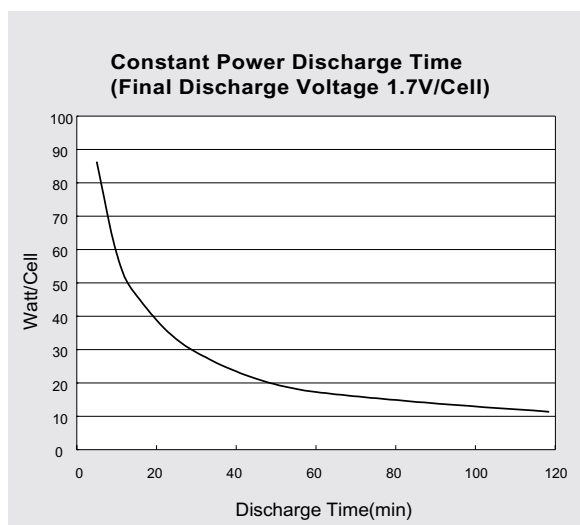
# GP 12120

## 12V 12.0Ah

GP 12120 is a general purpose battery with 3-5 years in standby service or more than 260 cycles at 100% discharge in cycle service. As with all CSB batteries, all are rechargeable, highly efficient, maintenance free, leak proof, useable in any position and ISO certified as well as recognized by UL.

### Specification

<b>Cells per unit</b>	6
<b>Voltage per unit</b>	13.05
<b>Capacity</b>	12Ah@20hr-rate to 1.75V per cell@25°C(77°F)
<b>Weight</b>	Approx 4.10kg(8.86 lbs)
<b>Maximum Discharge Current</b>	150/180A(5sec)
<b>Internal Resistance Approx.</b>	Approx 20mΩ
<b>Operating Temperature Range</b>	Discharge: -15°C~50°C(5°F~122°F) Charge: 5°C~35°C(41°F~95°F) Storage: 0°C~40°C(32°F~104°F)
<b>Nominal Operating Temperature Range</b>	25°C ±3°C(77°F± 5°F)
<b>Float Charging Voltage</b>	13.5 to 13.8 VDC/unit Average at 25°C(77°F)
<b>Recommended Maximum Charging Current Limit</b>	3.60A
<b>Equalization and Cycle Service</b>	14.4 to 15.0 VDC/unit Average at 25°C(77°F)
<b>Self Discharge</b>	CSB Batteries can be stored for more than 6 months at 25°C(77°F) Please charge batteries before using. For higher temperatures the time interval will be shorter.
<b>Terminal</b>	Faston Tab 187/250
<b>Container Material</b>	-ABS (General grade & 94V-2 flame retardant case)



### Constant Power Discharge Characteristics Unit: Watts (25°C, 77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	60MIN	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.6V	578	377	289	178	106	61.7	43.9	34.1	27.9	18.1	14.7	7.50
10.2V	518	353	277	175	104	61.5	43.7	34.0	27.7	18.0	14.5	7.21
10.8V	444	320	257	169	100	60.9	43.2	33.6	27.3	17.6	14.1	6.83

### Constant Current Discharge Characteristics Unit: A (25°C, 77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	60MIN	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.6V	48.2	31.4	24.1	14.8	8.83	5.12	3.66	2.89	2.33	1.53	1.23	0.625
10.2V	43.2	29.4	23.1	14.6	8.67	5.03	3.64	2.88	2.31	1.52	1.21	0.601
10.8V	37.0	26.7	21.4	14.1	8.33	4.83	3.60	2.84	2.28	1.50	1.18	0.569