

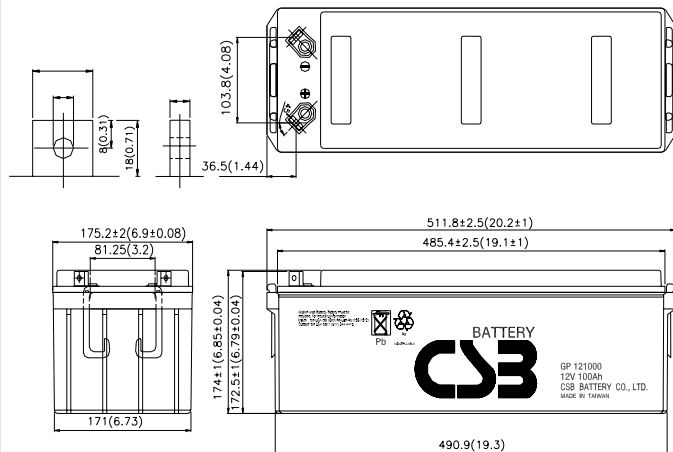
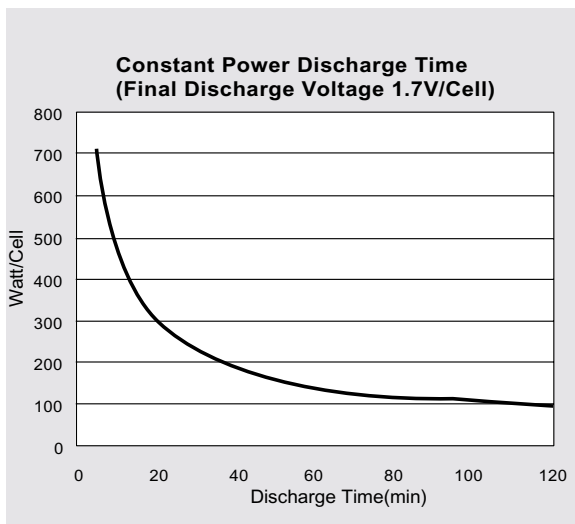
GP 121000

12V 100.0Ah

GP 121000 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

Cells per unit	6
Voltage per unit	13.05
Capacity	100 Ah@20hr-rate to 1.75V per cell@25°C(77°F)
Weight	Approx 35kg(77.1 lbs)
Maximum Discharge Current	500A(5sec)
Internal Resistance Approx.	Approx 7mΩ
Operating Temperature Range	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)
Nominal Operating Temperature Range	25°C ± 3°C(77°F ± 5°F)
Float Charging Voltage	13.5 to 13.8 VDC/unit Average at 25°C (77°F)
Recommended Maximum Charging Current Limit	30A
Equalization and Cycle Service	14.4 to 15.0 VDC/unit Average at 25°C(77°F)
Self Discharge	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.
Terminal	Bolt & Nut
Container Material	-Polypropylene(94-HB & 94V-0 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	4650	3030	2320	1430	857	504	357	280	231	151	124	64.4
10.2V	4240	2860	2230	1410	856	499	356	279	230	150	122	61.9
10.8V	3660	2600	2080	1360	846	498	356	278	228	147	118	58.4

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	388	253	193	119	71.4	42.0	29.8	23.4	19.3	12.6	10.3	5.37
10.2V	353	238	186	118	71.3	41.6	29.7	23.3	19.2	12.5	10.2	5.16
10.8V	305	217	173	113	70.5	41.5	29.6	23.2	19.0	12.3	9.83	4.87