

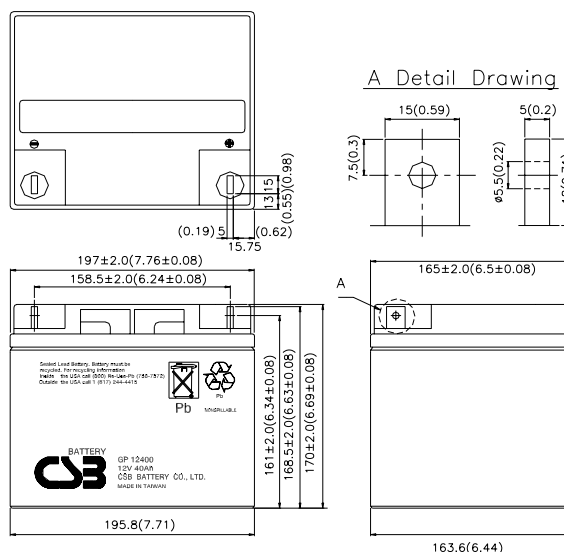
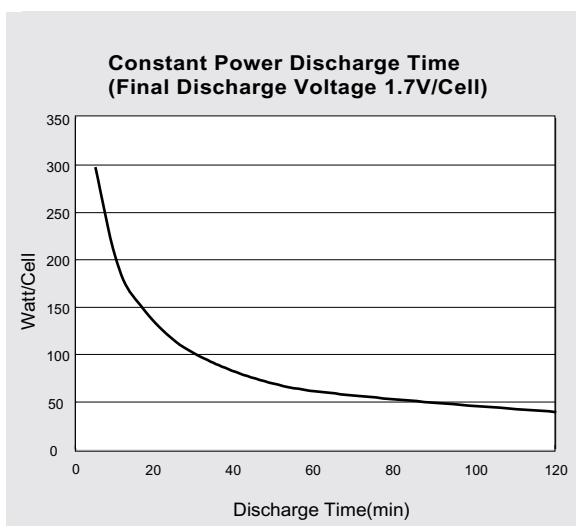
GP 12400

12V 40.0Ah

GP 12400 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	40Ah@20hr-rate to 1.75V per cell@25°C(77°F)
Weight	Approx 14.8kg(32.7 lbs)
Maximum Discharge Current	400A(5sec)
Internal Resistance Approx.	Approx 8mΩ
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	12A
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	-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	2110	1350	1020	622	367	212	151	118	96.1	63.0	51.3	26.5
10.2V	1790	1220	952	604	366	211	150	117	96.0	62.0	50.0	24.9
10.8V	1450	1060	860	571	357	210	149	116	94.8	60.4	48.3	23.2

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	176	113	85.0	51.8	30.6	17.7	12.6	9.83	8.01	5.25	4.28	2.21
10.2V	149	102	79.3	50.3	30.5	17.6	12.5	9.75	8.00	5.17	4.17	2.08
10.8V	121	88.3	71.7	47.6	29.8	17.5	12.4	9.67	7.90	5.03	4.03	1.93