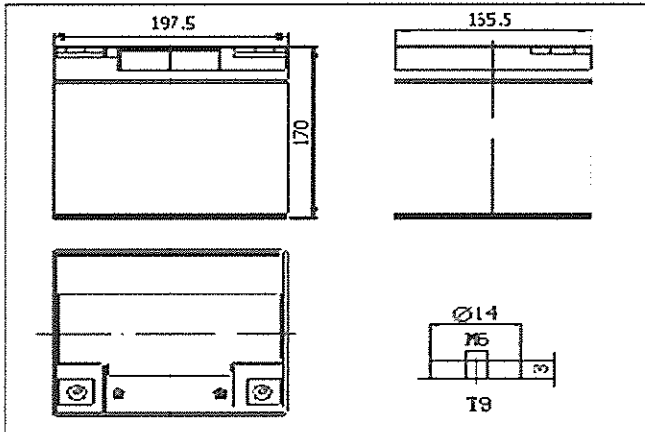


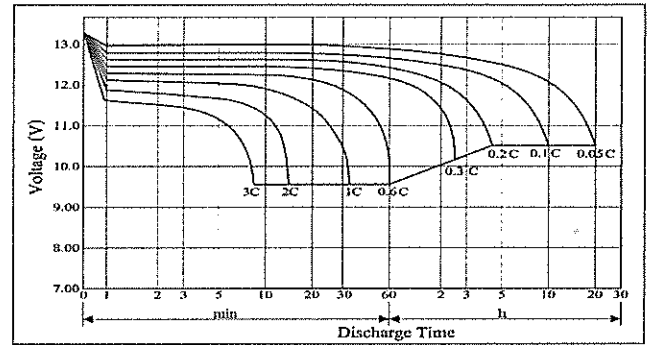
A C C U sealed lead acid battery

AC 12400 (12V40Ah)

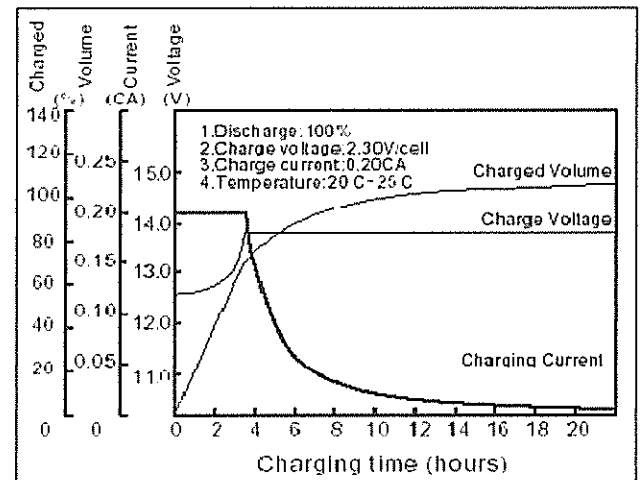
Dimensions



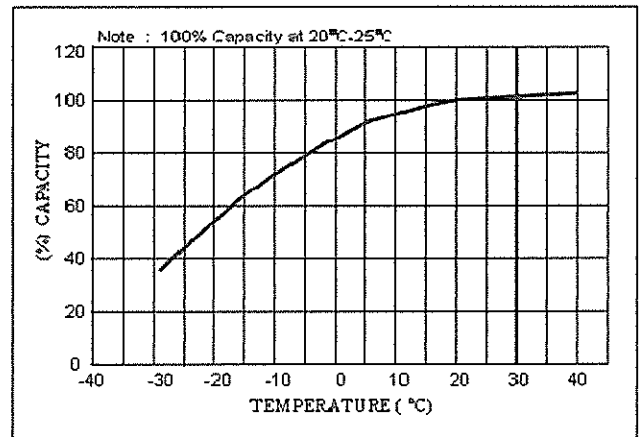
Discharge Characteristics (20°C-25°C)



Charging Characteristics (20°C-25°C)



Temperature vs. Capacity



Note: Floating life at 20°C-25°C designed for 7-10 years.

Specifications

Nominal Voltage		12 V
Capacity(10HR, 20°C)		40 Ah
Dimension (Approx.)	Length	197.5mm (7.76inch)
	Width	165.5mm (6.50inch)
	Height	170mm (6.69inch)
	Total Height	170mm (6.69inch)
Approx. Weight		13.8kg (30.42lbs)
Internal resistance (Fully charged, 20°C)		Approx. 9.5mΩ
Capacity affected by temperature (10HR)	40°C	107%
	25°C	102%
	0°C	85%
	-15°C	65%
Self-discharge (20°C-25°C)	1 month	Remaining Capacity: 98%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature		20°C-28°C (68°F-82°F)
Operating temperature range		-15°C~50°C (5°F~122°F)
Float charging voltage(20°C-25°C)		13.60 to 13.80V
Cyclic charging voltage(20°C-25°C)		14.50 to 14.90V
Maximum charging current		12A
Terminal material		Copper
Maximum discharge current		400A(5 sec.)

- ◆ Absorbent glass mat technology;
- ◆ Recognized by UL & CE;
- ◆ ABS container. (Optional : Flame Retardant UL94V-0/94V-2)

Constant Current Discharge Characteristics (A, 20°C-25°C)

F.V/TIME	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60V	122	81.0	68.0	40.0	26.0	14.6	10.4	7.31	4.87	4.06	2.10
10.2V	116	77.0	65.3	38.4	25.0	14.4	10.2	7.20	4.83	4.02	2.10
10.5V	113	75.1	63.9	37.6	24.4	14.2	10.1	7.14	4.81	4.01	2.06
10.8V	109	72.3	62.0	36.5	23.7	14.1	10.0	7.06	4.80	4.00	2.05

Constant Power Discharge Characteristics (Watt, 20°C-25°C)

F.V/TIME	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60V	1281	875	747	449	296	169	122	86.4	58.5	48.5	25.2
10.2V	1217	831	717	431	285	167	120	85.1	57.9	48.0	25.2
10.5V	1186	811	702	422	277	164	119	84.4	57.7	48.0	24.7
10.8V	1144	781	681	409	270	163	118	83.4	57.6	48.0	24.6