



Sealed Rechargeable Lead-Acid Batteries

FNC122000

(12V, 200.0Ah/10hr rate)

Specifications

Nominal Voltage : 12Volts

Nominal Capacity (Rated capacity, Ah)

10hr rate of 20.00A to 10.50V 200.00Ah

5hr rate of 36.40A to 10.20V 182.00Ah

1hr rate of 132.0A to 9.60V 132.00Ah

Capacity affected by temperature

30°C (86F) : 105%

25°C (77F) : 103%

10°C (50F) : 95%

-10°C (14F) : 78%

Internal resistance (25C, 77F full charge)

Approx. less than 2.5 mΩ (milliohms)

Maximum discharge current

800A (Continuous discharge)

Self-discharge (20C, 68F)

After 1 month 5%

After 3 month 10%

After 6 month 15%

Weight(approx.): 68.0kg (149.9 lbs)

Weight efficiency (10hr rate)

35.29 WH / kg

Volume efficiency (10hr rate)

82.05 WH / Liter

Max. short-duration discharge current

3600 Amperes

Housing material

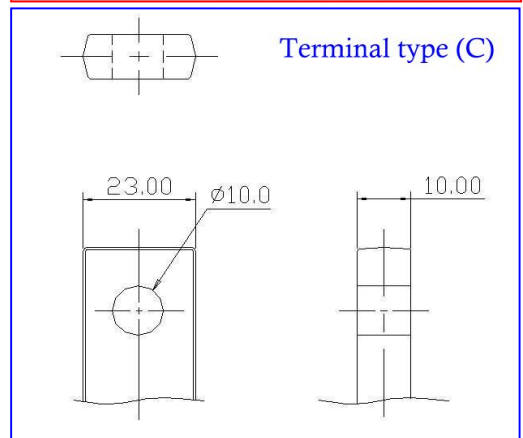
Container/cover made from ABS resin or

Optional Flame retardant

(UL94-Vo / L.O.I over 29)

Electrolyte : Normal type (AGM separator)

Hardware : M8*L25 or Optional 3/8"*L25(30) Bolt/Nut



Constant voltage charge

Stand-by use : Voltage 13.50 ~ 13.80V (20°C)

Max. current No limit

Cyclic use : Voltage 14.40 ~ 15.00V (20°C)

Max. current 80.00 Amperes

Life expectancy

Stand-by use 4 ~ 6.5 years (20°C)

Cyclic use 100% DOD 260 cycle

50% DOD 600 cycle

30% DOD 1200 cycle

Dimensions (mm)

L 500 W 260 H 196 TH 225

Constant Current Discharge Table (Amperes)

V/cell	1'	5'	10'	20'	30'	40'	50'	1h	2h	3h	5h	8h	10h	20h
1.90	356	271	213	157	121	93.0	80.0	59.3	43.2	32.0	21.3	14.6	11.4	6.96
1.85	448	333	262	183	142	112	94.7	74.1	48.7	35.5	24.3	17.0	13.1	7.75
1.80	588	426	304	201	155	126	107	89.7	53.2	38.7	25.8	17.4	14.2	8.11
1.75	643	461	316	207	159	130	110	94.7	55.9	40.6	27.1	18.1	14.8	8.35
1.70	710	501	328	213	162	134	114	100	58.8	42.6	28.4	18.9	15.5	8.61
1.65	793	524	341	219	166	138	118	104	59.8	43.1	28.9	19.4	16.2	8.74
1.60	897	550	355	224	170	142	122	108	60.9	43.7	29.4	19.8	17.0	8.87