



## Sealed Rechargeable Lead-Acid Batteries

# PNB(PNGB)121000H

(12V, 100.0Ah/10hr rate)

## Specifications

**Nominal Voltage** : 12Volts

**Nominal Capacity ( Rated capacity, Ah)**

10hr rate of 10.00A to 10.50V 100.00Ah

5hr rate of 18.20A to 10.20V 91.00Ah

1hr rate of 66.0A to 9.60V 66.00Ah

**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 3.5 mΩ (milliohms)

**Maximum discharge current**

400A (Continuous discharge)

**Self-discharge (20C, 68F)**

After 1 month 5%

After 3 month 10%

After 6 month 15%

**Weight(approx.):** 35.0kg ( 77.16 lbs )

**Weight efficiency (10hr rate)**

34.29 WH / kg

**Volume efficiency (10hr rate)**

86.21 WH / Liter

**Max. short-duration discharge current**

2000 Amperes

**Housing material**

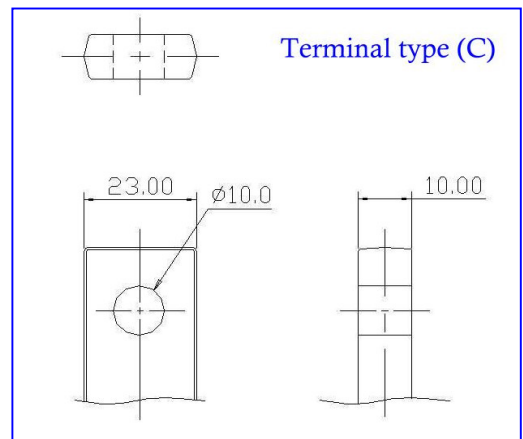
Container/cover made from ABS resin or

Optional Flame retardant

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

**Electrolyte** : Normal Liquid 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 40.00 Amperes

**Life expectancy – 80% Service life**

Cyclic use 100% DOD 260 cycle

50% DOD 600 cycle

30% DOD 1200 cycle

**Dimensions (mm)**

L 342 W 174. H 215 TH 239