

RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 2.3



U1-36NE

Specifications

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate (1.8A	to	10.50V)	36Ah
10hour rate (3.6A	to	10.50V)	36Ah
5hour rate (6.12A	to	10.20V)	30.6Ah
1C (36A	to	9.60V)	25.2Ah
3C (108A	to	9.60V)	18.36Ah

Weight 12.06kg(26.59Lbs.)

Internal Resistance (at 1KHz) 4 mΩ

Maximum Discharge Current for 30 seconds : 720A

Maximum Discharge Current for 5 seconds : 1440A

Operating Temperature Range

Charge	0°C (32°F)	to	40°C (104°F)
Discharge	-15°C (5°F)	to	50°C (122°F)
Storage	-15°C (5°F)	to	40°C (104°F)

Charge Retention (shelf life) at 20°C (68°F)

1 month	92%
3 month	90%
6 month	80%

Charging Methods at 25°C (77°F)

Cycle use:
Charging Voltage 14.4 to 15.0V
Maximum Charging Current : 10.8A

Standby use :
Float Charging Voltage 13.50 to 13.80V

Life expectancy :

Cycle Use :
100% depth of discharge 225 cycles
80% depth of discharge 250 cycles
50% depth of discharge 750 cycles

Standby Use : 3~5years

Case Material ABS
(Option : 94-HB & 94V-0 flame retardant case)

Terminal F8

Dimensions

