

DYNAMIS

LEAD-LINE 45-12 G6

Rechargeable Sealed Lead-Acid Battery



Specification

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (2,25A to 10,50V)	45Ah
10 hour rate (4,5A to 10,50V)	45Ah
5 hour rate (7,65A to 10,20V)	38,25Ah
1C (45A to 9,60V)	20,25Ah
3C (135A to 9,60V)	16,2Ah

Weight 14.8 kg

Internal Resistance (at 1kHz) 6 mΩ

Maximum Discharge Current for 30 seconds: 900A

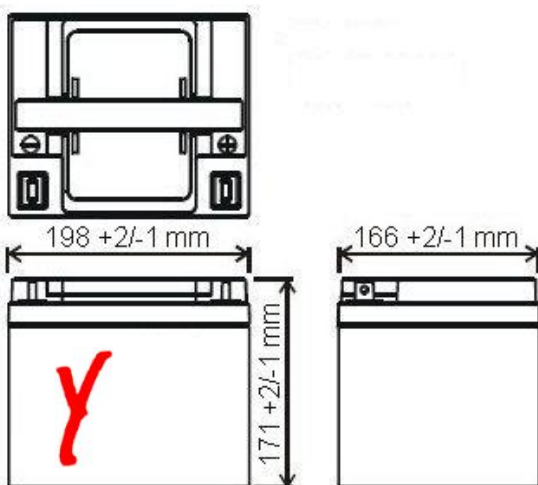
Maximum Discharge Current for 5 seconds: 1800A

Operating Temperature Range

Charge	-5°C to 40°C
Discharge	-15°C to 50°C
Storage	-15°C to 40°C

Charge Retention (shelf life) at 20°C

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



G104060

Charging Methods at 25°C

Cycle use:

Charging Voltage 14,4 to 15,0V
Maximum Charging Current: 13,5A

Standby use:

Float Charging Voltage 13,50 to 13,80V

Life expectancy:

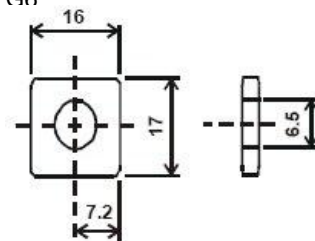
Cycle Use:

100% depth of discharge	200 cycles
80% depth of discharge	225 cycles
50% depth of discharge	500 cycles

Standby Use:

3 ~ 5 years
Case Material: ABS
(Option: 94-HB & 94V-0 flame retardant case)

Terminal Type: G6



G-pole

Order no. 60.05023

Certified according to UL.

Discharge Time VS. Discharge Current (25°C)

