

## DYNAMIS

### LEAD-LINE 18-12 G5

Maintenance-Free Valve Regulated Lead-Acid Battery



#### Specification

<b>Nominal Voltage</b>	<b>12V</b>	
<b>Nominal Capacity</b>		
20hr rate (0.9 A to 10.5 V)	18.0 Ah	
10hr rate (1.8 A to 10.5 V)	17.0 Ah	
5hr rate (3.06 A to 10.2 V)	15.2 Ah	
1C (18.0 A to 9.6 V)	10.5 Ah	
3C (54.0 A to 9.6 V)	6.9 Ah	

**Weight, typ.** 5.6 kg

**Internal Resistance (at 1kHz), approx.** 10 mΩ

**Maximum Discharge Current for 5 Seconds** 250 A

#### Operation Temperatures

<b>Charge</b>	-5 ~ +40°C
<b>Discharge</b>	-15 ~ +50°C
<b>Storage</b>	-15 ~ +40°C

#### Self Discharge (for storage at 20°C)

1 Month	max. 8%
3 Months	max. 10%
6 Months	max. 20%

#### Charge Parameters for 25°C

<b>Cyclic Use</b>	
Charge Voltage Range	14.4 ~ 15.0 V
Maximum Charge Current	5.4 A

<b>Standby Use</b>	
Float Voltage	13.5 ~ 13.8 V

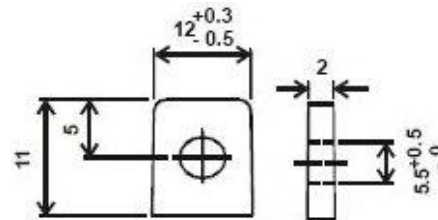
#### Estimated Service Life

<b>Cyclic Use</b>	
100% Depth of Discharge (DoD)	200 cycles
80% DoD	225 cycles
50% DoD	500 cycles

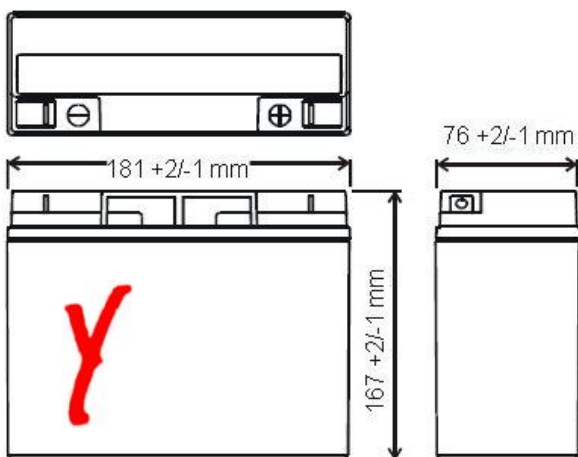
**Standby Use** 3 to 5 years

**Case Material** ABS  
(Optional: Flame retardant acc. 94 HB and 94 V0)

**Terminal Type** G5



G-Pole



Art. Nr. 60.05028

Certified according to UL

