

DATASHEET AWG 100-12



Gel lead carbon deep-cycle battery

Specifications:

Operating temp range :	
Discharge :	-15°C ~ + 50°C
Charge :	0°C ~ + 40°C
Storage :	-15°C ~ + 40°C

Self discharge: (@ 20°C):

3 months :	91%
6 months :	82%
12 months :	64%

Capacity versus temperature:

30°C :	105%
25°C :	103%
-10°C :	78%

Internal resistance : 5,83mOhm

Max discharge current : 728A (5 sec)

Cyclic use :

Initial charging current less than 24A. Voltage 14,2V – 14,7V at 25°C Temp. Coefficient -30mV/°C

Float use :

No limit on initial charging current voltage 13,20V – 13,44V at 25°C Temp. Coefficient -20mV/°C

Specifications:

Nominal voltage : 12 Volt

Nominal capacity (20hrs) : 100Ah

Dimensions length : 332 ±2mm

Dimensions width : 174 ±2mm

Dimensions container height : 215 ±2mm

Dimensions total height : 239 ±2mm

Weight (approx.) : 28 kg

Terminal : insert M8 (T11)

Container and lid : ABS

Standby floating life : 12 years at 20°C

Self Discharge : AxiWin batteries may be stored for up to 6 months at 25°C and then a refresh is required. For higher temperatures the time interval will be shorter.

NON-SPILLABLE SEALED MAINTENANCE FREE BATTERY

UN2800, Non-Spillable battery

Non binding data and specification. The manufacturer can introduce, without notice, any modification considered as necessary.

Datasheet AxiWin type: AWG 100-12