



ALS12260

(12V/260Ah)

BATTERY CONSTRUCTION

Component	Positive Plate	Negative Plate	Separator	Electrolyte	Container	Cover	Safety valve	Terminal
Raw material	Lead dioxide	Lead	Fiberglass	Silicon GEL	ABS	ABS	Si-Rubber	Copper

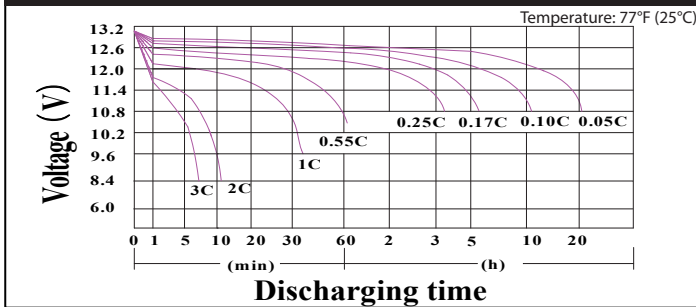
SPECIFICATIONS

Nominal Voltage		12 V
Rated Capacity (20 hour rate)		260 Ah
Dimensions	Total Height	226 mm
	Height	220 mm
	Length	520 mm
	Width	268 mm
Weight		77.5 kg

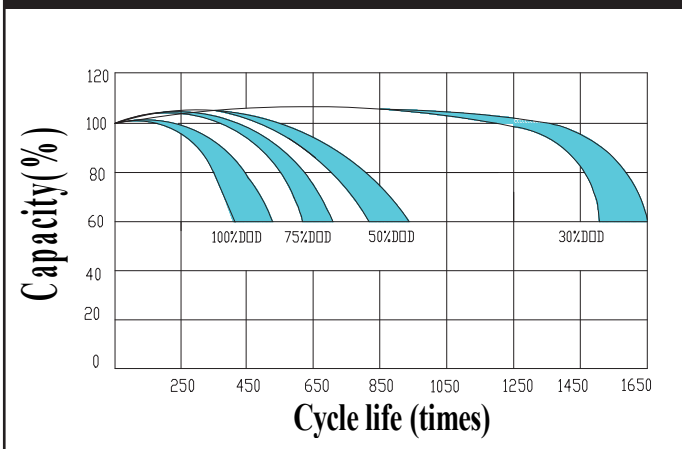
CHARACTERISTICS

Capacity 25°C (77°F)	20 Hour Rate (13.0A to 10.8 V)	260Ah
	10 Hour Rate (24.3A to 10.5 V)	243Ah
	5 Hour Rate (42.8A to 10.2 V)	214Ah
	2 Hour Rate (91.6A to 9.6V)	183.2Ah
Capacity Affected by Temperature (20 Hour Rate)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Self-Discharge 25°C (77°F)	Capacity after 3 month storage	92%
	Capacity after 6 month storage	84%
	Capacity after 12 month storage	65%
Max. Discharge Current 25°C (77°F)		2600A (5s)
Terminal	Standard	M8
Charging (Constant Voltage)	Cycle	Initial Charging Current less than 52A 14.4 V ~ 14.9 V (25°C)
	Float	13.6 V ~ 13.8 V (25°C)

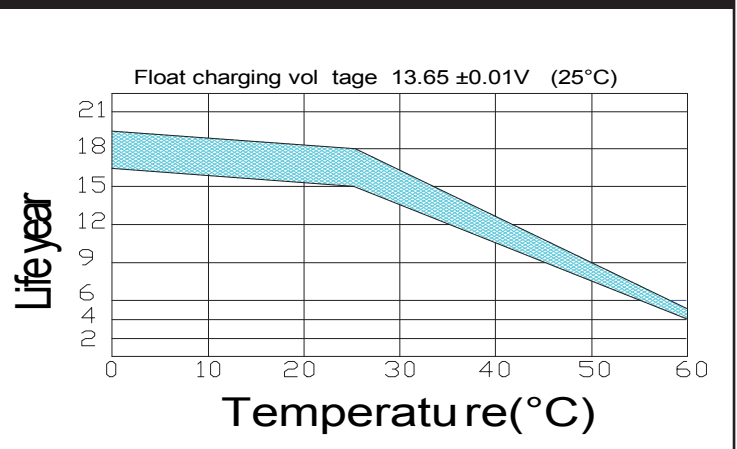
DISCHARGE CHARACTERISTICS



CYCLE LIFE VS DEPTH OF DISCHARGE (25°C)



TEMPERATURE EFFECT ON DESIGNED SERVICE LIFE



This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specifications are subject to modifications without notice. Contact Aquamot for the latest information.