

ORBUS GEL OFF GRID BATTERY

- It is resistant to abrasion, impact, liquid contact and vibration.
- Shelf and lifetime are also longer.
- It has high efficiency rates.
- Since the electrolytes in the battery are gels, it is possible to work even in harsh weather conditions.
- Maintenance free.



MECHANICAL SPECIFICATIONS

Dimension (L x W x H)	330 x 171 x 214 mm
Weight	30.0 Kg
Terminal Type	T9
Case Material	ABS
Chemistry	Pb

THE ORBUS GEL BATTERY



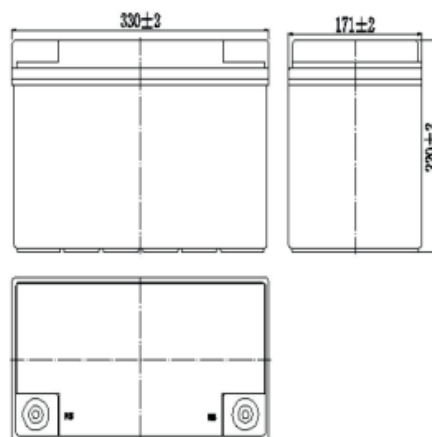
ORBUS GEL

OFF GRID BATTERY

SPECIFICATIONS

Nominal Voltage		12 V
Capacity	10 hour rate(10.5V/cell,25°C/77°F)	100 Ah
	5 hour rate (10.2V/cell,25°C/77°F)	78 Ah
	1 hour rate (9.6V/cell,25°C/77°F)	58.2 Ah
Internal Resistance		Full charged at 25°C: Approx 5mΩ
Capacity affected by Temperature (10 hour)	40°C	103%
	25°C	100%
	0°C	88%
	-15°C	70%
Self-Discharge (25°C)	3 month	Remaining Capacity: 94%
	6 month	Remaining Capacity: 88%
	12 month	Remaining Capacity: 75%
Operating temperature range	Discharge	-15°C ~55°C(5°F ~131°F)
	Charge	-10°C ~55°C(14°F ~131°F)
	Storage	-20°C ~55°C(-4°F ~131°F)
Maximum charging current		20A
Maximum discharge current		800A (5sec.)
Designed floating life (20°C)		15 years
Charging Voltage 25°C (77°F)	Cycle	14.10 to 14.40V Temperature compensation: -30mV/°C
	Float	13.50 to 13.80V Temperature compensation: -18mV/°C

DIMENSIONAL SPECIFICATIONS



CYCLE SERVICE LIFE

