

ORBUS GEL 12V 150 AH
OFF GRID INVERTERS



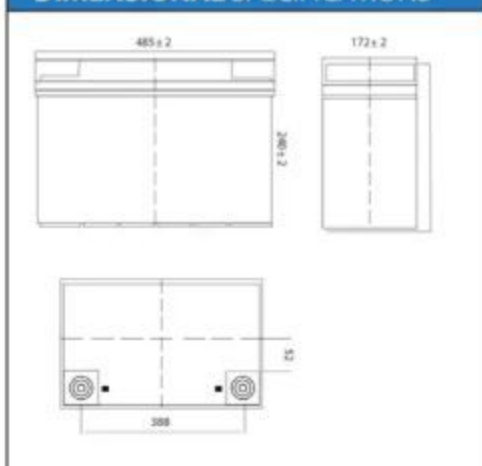
MECHANICAL SPECIFICATIONS

Dimension (LxWxH)	485 x 172 x 240 mm
Weight	43.0 kg
Terminal Type	T11
Case Material	ABS
Chemistry	Pb

SPECIFICATIONS

Nominal Voltage		12V
Capacity	20 hour rate (10.5V/cell, 25°C/77°F)	150Ah
	5 hour rate (10.2V/cell, 25°C/77°F)	116.5Ah
	1 hour rate (9.6V/cell, 25°C/77°F)	87.3Ah
Internal Resistance		Full charged at 25°C Approx 4.2m
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		30A
Maximum discharge current		1500A (5 sec.)
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: -15mV/°C

DIMENSIONAL SPECIFICATIONS



CYCLE SERVICE LIFE

