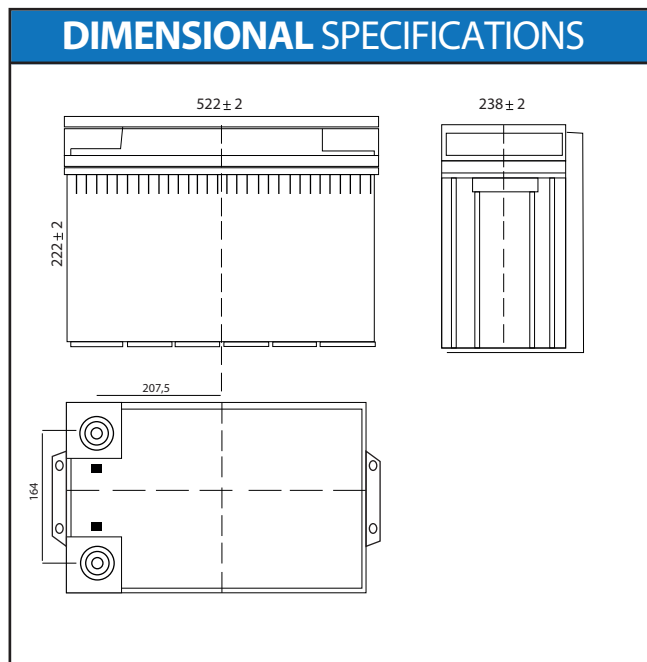


**ORBUS GEL 12V 200 AH**  
OFF GRID INVERTERS



MECHANICAL SPECIFICATIONS	
Dimension (LxWxH)	522 x 238 x 222 mm
Weight	60 kg
Terminal Type	T11
Case Material	ABS
Chemistry	Pb



SPECIFICATIONS		
Nominal Voltage		12V
Capacity	20 hour rate (10.5V/cell, 25°C/77°F)	200Ah
	5 hour rate (10.2V/cell, 25°C/77°F)	156Ah
	1 hour rate (9.6V/cell, 25°C/77°F)	116Ah
Internal Resistance		Full charged at 25 C Approx 3.3m
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		40A
Maximum discharge current		1600A (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: -18mV/°C

