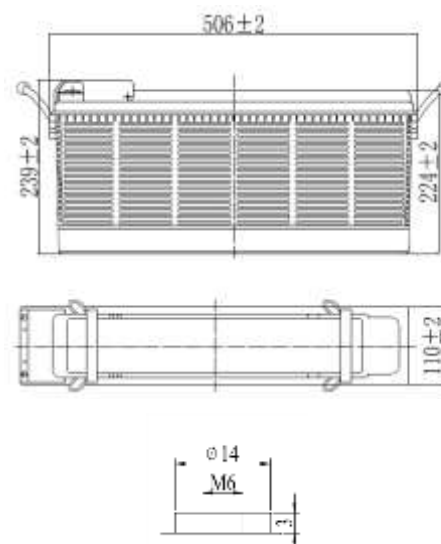




PIBAS® OGiv-12-100-FT – Electrical Specification

Nominal voltage	12 V
Number of cells per block	6 x 2 V
Technology	(VRLA (AGM), Pb+Ca+Sn Technology) Long Life Plate Design
Rated capacity C to 1.80 Vpc at 20 °C 5 hours	85 Ah C ₅
Rated capacity C to 1.80 Vpc at 20 °C 10 hours	100 Ah C ₁₀
Rated capacity C to 1.80 Vpc at 20 °C 20 hours	105 Ah C ₂₀
Internal resistance fully charged at 20°C	Approx. 5 mΩ

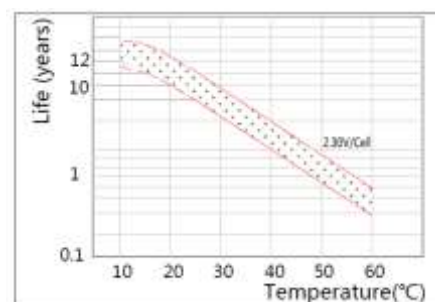
Dimensional Specification



PIBAS® OGiv-12-100-FT – Mechanical Specification

Weight	31 kg
Height of monobloc / over terminal cover	224/239 mm
Width	110 mm
Depth	506 mm
Number of terminals	1 (+) / 1 (-)
Dimension of terminal screw hole	M6 x 13 deep, female thread
Torque terminal screw	9.0 Nm ± 0.9 Nm
Terminal insulation class according to IEC/EN 60529	IP 2 X
Diameter of diagnostic hole for voltage probe	5 mm
Maximum cable cross-section	95 mm ²
Shock + Vibration rating (according)	Category 1, Class B (IEC 61373:2011)

Technical Information



PIBAS® OGiv-12-100-FT – Environmental Specification

Installation	Horizontally or laterally
Distance for cooling and ventilation	10 mm between the blocs
Material of case/cover;	ABS FR - UL94V2
Fire behaviour tested (according to)	UL94V2
Flame barriers at vents	Yes
Cycle life	700 cycles (EN 50547:2013)
Design life	15+ Long Life

