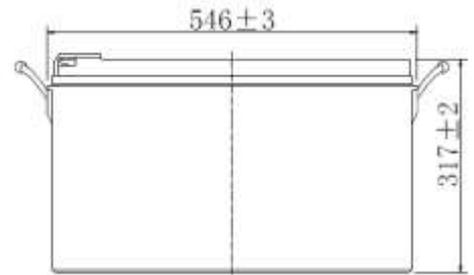


### Dimensional Specification

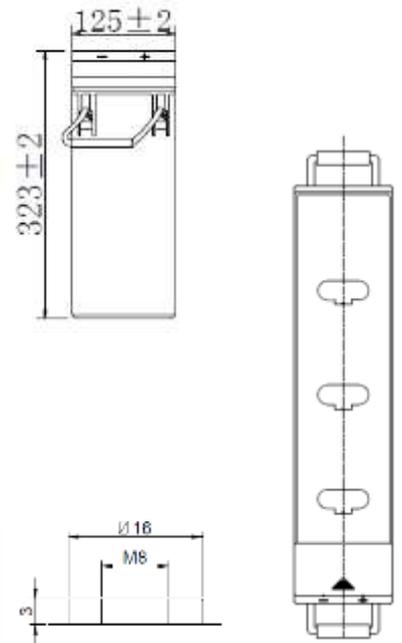
#### PIBAS® 12-DCR-190 – Electrical Specification

Nominal voltage	12 V
Number of cells per block	6 x 2 V
Technology	(VRLA (AGM), PLT + Sn Technology) Deep Cycle Plate Design
Rated capacity C to 1.70 Vpc at 25 °C 5 hours	180 Ah C <sub>5</sub>
Rated capacity C to 1.80 Vpc at 25 °C 10 hours	190 Ah C <sub>10</sub>
Rated capacity C to 1.80 Vpc at 25 °C 20 hours	200 Ah C <sub>20</sub>
Internal resistance fully charged at 25°C	Approx. 3.3mΩ



#### PIBAS® 12-DCR-190 – Mechanical Specification

Weight	60 kg
Height of monobloc / over terminal cover	317/ 323 mm
Width	125 mm
Depth	546 mm
Number of terminals	1 (+) / 1 (-)
Dimension of terminal screw hole	M8 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 <sup>2</sup>
Shock + Vibration rating (according)	Category 1, Class B (IEC 61373:2011)



#### PIBAS® 12-DCR-190 – Environmental Specification

Installation	Horizontally or laterally
Distance for cooling and ventilation	10 mm between the blocs
Material of case/cover;	PP according DIN EN 45545
Fire behaviour tested (according to)	DIN EN 45545
Flame barriers at vents	Yes
Cycle life	700 cycles (EN 50547:2013)
Design life	15+ Long Life
Service Life - rolling stock on board	6 years as per EN 50547:2013

