

VALVE REGULATED LEAD ACID BATTERIES WITH ABSORBED ELECTROLYTE.

Standby batteries are for Midac a reason of great pride and the manufacture of a more and more complete and up-to-dated range of batteries aims at the satisfaction of demanding and specialized customers.

The globalisation, the technological evolution and the progress of the transmissions make the communication easy and fast and that's why people feel that all barriers are completely broken down. But this would not be possible without energy. Midac offers its experience to make sure that energy never fails. The new Midac POWERLINE range of Valve Regulated Lead Acid batteries is the optimal solution to any demand of energy storage for industrial systems.

A prompt and reliable answer to any request of power back-up, either for Telecommunications, UPSs, as well as Power Generation or Distribution.

The advantages of Midac POWERLINE battery range are represented by the technology of the Valve Regulated Lead Acid batteries with absorbed electrolyte, the high specific energy, the choice of top quality components and the accurate design. Thick plates, grid design and the Lead Calcium Tin alloys ensure to the POWERLINE range of batteries the reliability of a proven technology and the characteristics of long life and high performances.

MIDAC FRONT POWER

| | |
|----------------------------|-----------------|
| Battery type: | 12 AM 100 F |
| Battery voltage: | 12 Volt |
| Nominal capacity (20°C): | |
| 10 hrs to 1,80 V pc | 100 Ah |
| Weight: | 42 Kg |
| Dimensions mm (L x W x H): | 125 x 558 x 230 |



All models of the Midac FRONT POWER range are equipped with female front terminals for easier installation and inspection without putting hands into the cabinet. Pillars are protected against electrical contacts by connector covers provided with holes for the easy access to the positive and negative battery terminals. The compact design is ideal for installation both in cabinets and on stands. In case of gassing, the gas venting channel (MGS), placed in front of all batteries, ensures that gas flows directly from the cabinet door, limiting the inside gas concentration, making Midac FRONT POWER the most suitable battery for installation into sealed cabinets or rooms.

MIDAC TOP POWER

| | | |
|----------------------------|-----------------|-----------------|
| Battery type: | 12 PM 105 T | 6 AM 160 T |
| Battery voltage: | 12 Volt | 6 Volt |
| Nominal capacity (20°C): | | |
| 20 hrs to 1,78 V pc | 105 Ah | 180 Ah |
| 10 hrs to 1,80 V pc | 93 Ah | 160 Ah |
| Weight: | 36 Kg | 34 Kg |
| Dimensions mm (L x W x H): | 345 x 175 x 250 | 292 x 202 x 232 |



All Midac TOP POWER batteries are provided with female terminals on top of the battery lid, to be in line with all installation solutions both in cabinets and on stands. Pillars are protected against electrical contacts by connector covers provided with holes for the easy access to the positive and negative battery terminals.

TECHNICAL FEATURES

Long life (> 12 years under normal operating conditions)
Compact design
High specific energy
Easy installation
Office compatibility

Ready for use
Front terminals (FRONT POWER range)
Maintenance free
Flame arrestor vents
ABS flame retardant container, in accordance to IEC FV0 (AM models)

REFERENCE STANDARDS

EN 60896-2 / BS 6290 part 4