



SERIES 04 / 07

Motive Power AGM Separator

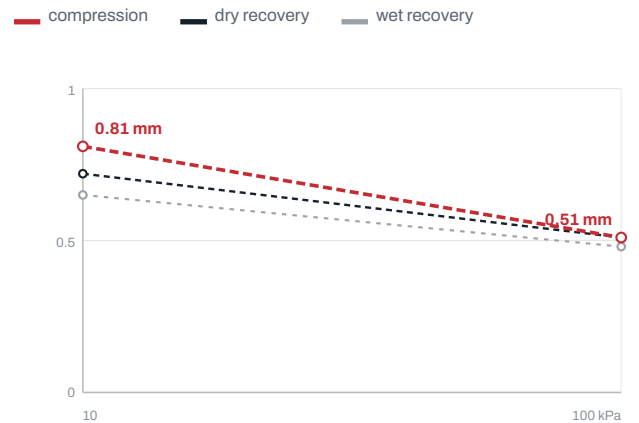
Deep-cycle AGM separator for e-bike, low-speed EV, forklift and golf cart traction batteries.

AGM separators for e-bikes, low-speed electric vehicles, forklifts and golf carts in frequent deep-cycle and high-rate charge-discharge service.

TECHNICAL DATA

Thickness range @20 kPa	0.55-1.50 mm
Density	155 g/m ² ·mm
Avg. fiber diameter	0.5-2.0 μm
Specific surface area (BET) · design target	≥ 1.6 m ² /g
Avg. beating degree · design target	≥ 35 °SR

CATALOGUE ENDPOINTS · 10 / 100 kPa



Endpoint thicknesses transcribed from the printed catalogue at 10 and 100 kPa. Straight connectors are visual guides only; no intermediate measurements are implied.

KEY CHARACTERISTICS

- Strong deep-cycle charge and discharge performance
- BET specific-surface-area target ≥1.6 m²/g; designed for dendrite resistance
- Strong elastic recovery to maintain plate-group pressure
- High-rate discharge performance, stable over life
- High porosity for strong electrolyte retention
- High puncture resistance

DESCRIPTION

Motive-power batteries operate under frequent deep-cycle and high-rate charge-discharge conditions. This series has a BET specific-surface-area design target of ≥1.6 m²/g; its high-porosity structure is designed for electrolyte retention and stratification control, while the separator is also designed to resist lead dendrite penetration.

The series is available in 0.55-1.50 mm thickness at 20 kPa with a density of 155 g/m²·mm. Its tensile strength and toughness support high-speed automated enveloping.

IATF 16949:2016

ISO 9001 · SINCE 2002

ISO 14001 / 45001

IATF 16949: Nanjing HQ and both plants (Inner Mongolia & Chuzhou). ISO 14001: Inner Mongolia & Chuzhou. ISO 45001: Chuzhou. RoHS & REACH compliant.