

ODYSSEY[®] BATTERY

ODP-AGM27 (ELT-AGM27)

Technical Data Sheet

Battery Type

AGM with Thin Plate Pure Lead (TPPL). Advanced dual-purpose battery for engine start and deep-cycle use

Power & Performance

Voltage	12V
Capacity (20-hour rate)	85Ah
Capacity (10-hour rate)	79Ah
Cold Cranking Amps (CCA, SAE J537)	850A
PHCA - 5-second pulse current	1500A
HCA	1150A
MCA	975A
Reserve capacity	182 mins
Short circuit current (using IEC method)	2400A
Internal resistance at 20°C (using IEC method)	3.8 mΩ

Dimensions & Weight

Length	318 mm
Width	173 mm
Height (to top of terminals)	224 mm
Height Container	208 mm
Weight	27.1 kg

Temperature

Operating Temperature Range	-40°C to +60°C
Optimum Storage Temperature	+20°C

Accreditations

The management systems governing the manufacture of this product are ISO 9001 and ISO 14001 certified.

Charging & self-discharge

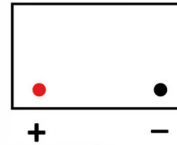
Type of charging curve	IUU
Charge voltage @+20°C	14.4V to 14.8V
Self-discharge per month at +20°C	1.25%
Self-discharge per month at +40°C	5%

Fitting, handling & storage

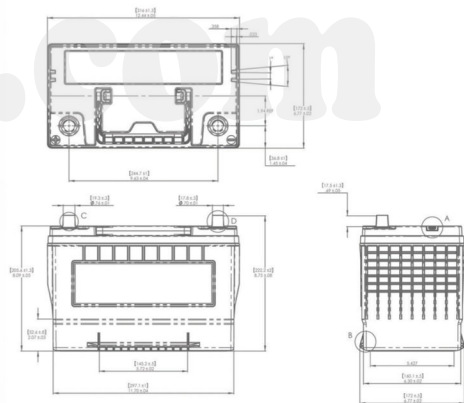
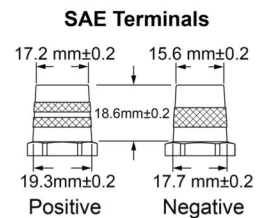
Can be mounted or stored in any orientation except inverted. 2-years storage life at +20°C without charging, or until the Open Circuit Voltage (OCV) is <12.6V or <2.10Vpc, whichever occurs first. Classified as non-spillable and approved as non-hazardous cargo for ground, sea and air transportation in accordance with the requirements of IMDG (International Maritime code for dangerous Goods) and ICAO (International Civil Aviation Organisation).



Terminal Position



Terminal Type



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