

OPzV Battery 2V 250Ah

RPower OPzV range of valve regulated lead-acid stationary batteries combine the benefits of recombination technology (i. e. virtually no maintenance due to very low gas emissions) plus the advantages of conventional vented batteries with positive tubular plates (i. e. long life and excellent cycling capability).

RPower OPzV valve regulated lead-acid batteries are the ideal energy source for many different standby applications.

CHARACTERISTICS

POSITIVE ELECTRODE

- Tubular plate with special grid construction, pressure cast from antimony free alloy, with highly porous gauntlets that retain the active material

NEGATIVE ELECTRODE

- Pasted plates with service life consistent with the positive plates

ELECTROLYTE

- Sulphuric acid bound to GEL

SEPARATOR

- Extremely high porosity and low internal resistance

CONTAINERS AND LIDS

- Made of plastic (ABS). Optionally available in flame retardant ABS (according to IEC 707 FV0)

TERMINALS

- Female thread for a perfect contact and low resistance with flexible cable connectors

POLE SEALING

- Prevents electrolyte leakage and terminal corrosion

CONNECTORS

- Flexible, fully insulated cable connectors screwed (with 20 ± 1 Nm) to the terminal with an insulated screw having a hole probe on the top for electrical measurement

ONE WAY RELIEF VALVE

- Opens at low pressure and is fitted with a sustained backfire protection

OPERATIONAL DATA

DESIGN LIFE

- More than 15 years

CYCLES ACCORDING TO IEC 896-1

- 1.200

SELF-DISCHARGE

- Approx. 2% per month at 20 °C

TESTS ACCORDING TO

- IEC 896-1, EN 60896-1, EN 61427



OPERATIONAL TEMPERATURE

- -20 °C to 55 °C, recommended 10 °C to 30 °C

Technical data

Battery Type	maintenance free
Height	390 mm
Width	124 mm
Length	206 mm
Weight	20.5 kg
Connection	M8
Design Life	bis zu 20 Jahre

Technology	OPzV
Central degassing	No
C3	189,2Ah
C5	217,0Ah
C10	250,0Ah
C20	265,0Ah

State of: 04 / 2019