



5 OPzS 250

2V - 250 Ah



Electrical Specifications @ 20°C

| | | |
|-------------------------------|---------------|-----------------|
| Nominal Voltage | | 2 V |
| Capacity | C10 / 1,80V | 259 Ah |
| | C5 / 1,77V | 224 Ah |
| | C3 / 1,75V | 197 Ah |
| | C1 / 1,67V | 144 Ah |
| Self Discharge | per Month | ≈ 2 % |
| Resistance | fully charged | ≈ 0,69 mΩ |
| Float Charge | +/- 1% | 2,23 Volt |
| Boost Charge | +/- 1% | 2,35-2,40 Volt |
| Boost Charge Max. current | Max 6h | 1,5x I10 Ampere |
| Short Circuit | | 3887 Ampere |
| Temperature correction factor | | - 4 mVolt / °C |

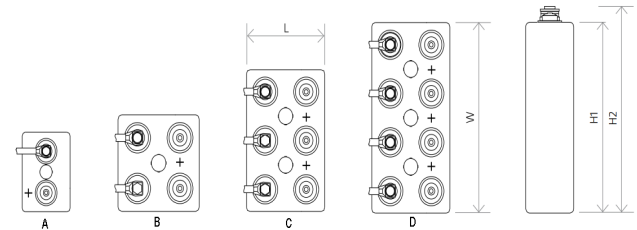
Other Specifications @ 20°C

| | |
|-------------------------|-----------------|
| Design Life @ 20°C | 20 Years |
| Design Life @ 30°C | 10 Years |
| Design Life @ 40°C | 5 Years |
| Dimensions (LxWxH1) ± 3 | 124x206x420 mm |
| Total Height (H2) | 420 mm |
| Operation temp | -20 to 55 °C |
| Recommended temp | 10 to 30 °C |
| Depth of Discharge DOD | up to 80 % Max. |
| Case / pole settings | ABS / A A/B/C/D |
| Terminal | M10 bold |
| Torque setting | 20 ± 1 Nm |
| Weight (Dry / Wet) | 16 / 22 kg |

Innovative Features

- Positive electrode tubular - plate with a polyester gauntlet in Corrosion resistant LA-PbSbSe - alloy
- Negative electrode grid - pasted type with long-life expander material
- Separation micro porous separator
- Electrolyte sulphuric acid with a density of 1,24 kg/l
- ABS, high impact transparent SAN container
- Plug for arresting aerosols - ceramic plugs according DIN 40 740
- Sliding Pole - bushing 100% gas- and electrolyte-tight
- M10 brass insertion pole
- Connectors, flexible insulated copper cables

Dimensions / Pole settings



Constant Current Discharge - Ampere @ 20°C

| V/Cell | 15 Min | 30 Min | 60 Min | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 20h |
|--------|--------|--------|--------|----|----|----|----|----|----|-----|------|
| 1,90 | 114 | 103 | 84 | 60 | 48 | 40 | 35 | 32 | 26 | 23 | 11,5 |
| 1,87 | 147 | 123 | 96 | 69 | 54 | 45 | 39 | 34 | 28 | 24 | 12,4 |
| 1,83 | 181 | 149 | 111 | 76 | 60 | 50 | 42 | 37 | 30 | 26 | 12,7 |
| 1,80 | 206 | 165 | 120 | 81 | 63 | 52 | 44 | 39 | 31 | 26 | 14,5 |
| 1,75 | 243 | 185 | 130 | 85 | 66 | 53 | 45 | 39 | 31 | 26 | 14,8 |
| 1,70 | 268 | 204 | 138 | 87 | 67 | 54 | 47 | 40 | 32 | 27 | 14,9 |

Constant Power Discharge - Watt @ 20°C

| V/Cell | 15 Min | 30 Min | 60 Min | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 20h |
|--------|--------|--------|--------|-----|-----|-----|----|----|----|-----|-----|
| 1,90 | 217 | 196 | 160 | 116 | 94 | 79 | 69 | 63 | 51 | 45 | 23 |
| 1,87 | 277 | 233 | 183 | 131 | 104 | 88 | 76 | 66 | 55 | 47 | 24 |
| 1,83 | 333 | 276 | 205 | 143 | 113 | 94 | 81 | 70 | 58 | 50 | 25 |
| 1,80 | 376 | 302 | 220 | 151 | 118 | 98 | 84 | 74 | 60 | 50 | 28 |
| 1,75 | 433 | 334 | 236 | 158 | 122 | 100 | 85 | 73 | 60 | 50 | 29 |
| 1,70 | 465 | 364 | 249 | 160 | 123 | 100 | 88 | 76 | 62 | 51 | 28 |

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Your Wing Dealer :

