

## GB3\_42\_SWL4250FR

### Strong points

- Total protection during downtime
- Easy installation and maintenance
- Electrical protection coordination for your safety

### General characteristics

- Standard degree of protection: IP20.
- Optional degree of protection: IP32.
- Operating temperature: 0 ÷ 40 °C (+15 ÷ +25 °C recommended for long battery life).
- Ambient storage and transport temperature: -5 °C ÷ +40 °C max (recommended: 25 °C).
- Relative humidity (condensation-free): up to 95%.
- Product declaration: CE.

### Compliance with standards

- CE
- EN 62040-1

### Access to resources (ex: manuals)



[https://www.socomec.co.uk/en-gb/reference/GB3\\_42\\_SWL4250FR](https://www.socomec.co.uk/en-gb/reference/GB3_42_SWL4250FR)

VRLA (Valve Regulated Lead Acid) batteries are lead batteries with a sealed safety valve container for releasing excess gas in the event of internal overpressure.

Their development was aimed at limiting the emission of hydrogen into the atmosphere and to avoid the use of liquid electrolyte. The liquid electrolyte is replaced by gel electrolyte (GEL technology) or absorbed inside the separators (AGM technology) to prevent acid leaking. Sealed batteries do not allow for water to be added to the electrolyte, therefore the evaporation of the water contained in the electrolyte, due for example to high room temperatures or internal heating as a result of charging/discharging cycles, decreases their lifetime.

### Classification

ETIM Class	EC002850
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### Commerce

Effective date	2025-01-22
Offer Life Cycle Code	40
Country of origin	GB

### Logistics

Customs number	8507208090
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