

Sonnenschein A600 SOLAR

Unmatched dryfit Gel technology for renewable energy storage

Sonnenschein A600 SOLAR is a premium range, developed specifically for applications where cycling is required. It has extraordinary energy-saving features in addition with robust reliability, proven for decades in many installations world-wide.

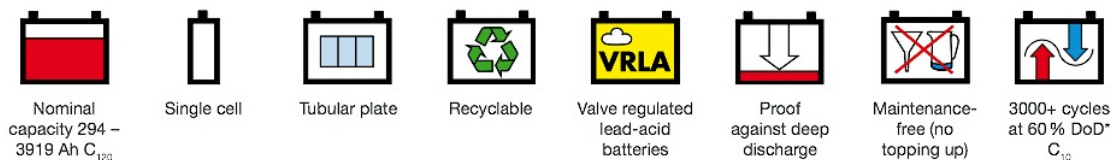
Your benefit:

- > **Exceptional cycling performance** – 3000+ cycles at 60 % Depth of Discharge* C_{10}
- > **dryfit Gel technology** – leak proof
- > **Lowest energy consumption** – saving costs
- > **Strong tubular plate technology** – for longer life in the toughest conditions
- > **Proof against deep discharge** – greater long-term energy delivery
- > **Horizontal mounting possible** – easy installation and maintenance
- > **Completely recyclable** – low CO₂-footprint



Specifications

- > Nominal capacity 294 – 3919 Ah C_{120} (20°C)
- > Cycling performance at 20 °C (with IU charging): 2400 cycles at 60 % Depth of Discharge (C_{10}) at 20 °C
For enhanced performance and for systems ≥ 48 V we recommend IUI charging, to reach 3000+ cycles at 20 °C
- > Designed in accordance with IEC 61427 and IEC 60896-21/22
- > Long shelf life up to 2 years at 20 °C without recharge due to the very low self discharge rate
- > Also available as flame-retardant version on request (V0)
- > Manufactured in Europe in our ISO 9001 certified production plants
- > Trouble-free transport of operational blocks, no restrictions for rail, road, sea and air transportation (IATA, DGR, clause A67)
- > Approval: UL (Underwriter Laboratories)



*with IUI charging, at 20 °C

Sonnenschein SOLAR BLOCK

Safe power supply for medium performance

The Sonnenschein SOLAR BLOCK battery range is very powerful and reliable in rough application conditions. This range is the ideal energy source for medium industrial solar systems, holiday and weekend houses, wind powerstations, as well as for other safety equipment power supplies.

Your benefit:

- > Excellent cycling performance – 1200 cycles at 60% Depth of Discharge C_{10} (at 20 °C)
- > dryfit Gel technology – leak proof
- > Lowest energy consumption – saving costs
- > Robust design – resilient in harsh conditions
- > Proof against deep discharge – greater long-term energy delivery
- > Completely recyclable – low CO₂-footprint



Specifications

- > Nominal capacity 60.0 – 330 Ah C_{100} (20 °C)
- > Long shelf life up to 2 years at 20 °C without recharge due to the very low self discharge rate
- > Designed in accordance with IEC 61427 and IEC 60896-21/22
- > Manufactured in Europe in our ISO 9001 certified production plants
- > Trouble-free transport of operational blocks, no restrictions for rail, road, sea and air transportation (IATA, DGR, clause A67)
- > Approval: UL (Underwriter Laboratories)



Nominal capacity 60.0 – 330 Ah C_{100}



Block battery



Grid plate



Recyclable



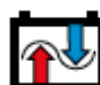
Valve regulated lead-acid batteries



Proof against deep discharge



Maintenance-free (no topping up)



1200 cycles at 60% DoD C_{10}