



Sunlight RES SOPzV Key Advantages



Advanced cost-effective energy storage solution ideal for cyclic applications where demand for **no water refilling** and **long cycle life is essential**.



Maintenance Free
Operation



Long Cycle Life
up to 2400 cycles at 50% DoD



Operational
Safety



Modular Solution
**Complete System Installation
Available as Option**

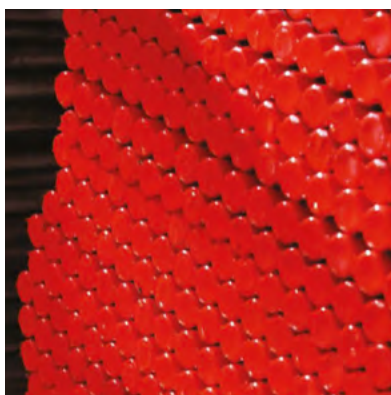


High Capacity
Performance



Fully Recyclable Product
Circular Economy Enabler

The Sunlight **Red Lead Advantage**



Features

99.99%
pure lead
for Red Lead
production

100%
Red Lead in our
positive plates
through dry filling
process

100%
plates weight
control and
data statistical
evaluation

Benefits

Longer life
span of batteries

Full Capacity
within the first
3-5 cycles

Minimized
self-discharge

Sustained
performance
throughout
battery lifetime

Batteries with GEL Electrolyte Main Characteristics

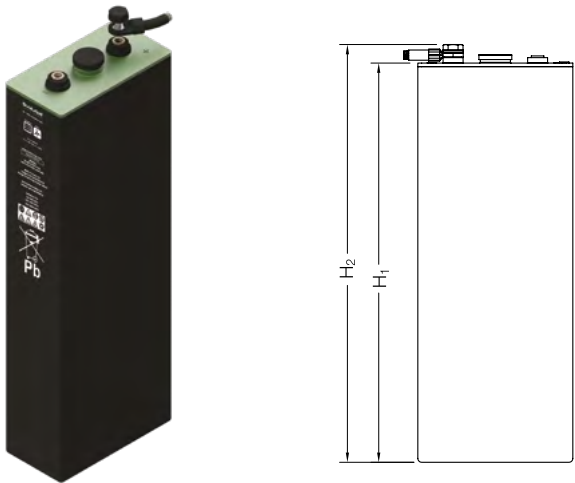
Valve Regulated lead-acid batteries with tubular plates and GEL electrolyte for Renewable Energy Storage applications



Product Range

Model	Voltage [V]	Rated Capacity at 20°C (68°F)			Dimensions				Weight	Terminal Details
		C ₁₂₀ / 1,85V [Ah]	C ₄₈ / 1,80V [Ah]	C ₁₂ / 1,80V [Ah]	Length - L [mm (in)]	Width - W [mm (in)]	Height - H1 [mm (in)]	Height - H2 [mm (in)]	[kg (lb)]	Number of Poles
RES 2 SOPzV 150	2	150	145	123	198 (7.80)	47 (1.85)	343 (13.50)	367 (14.45)	9.0 (19.8)	2
RES 3 SOPzV 225	2	225	218	184	198 (7.80)	65 (2.56)	343 (13.50)	367 (14.45)	12.7 (28.0)	2
RES 2 SOPzV 280	2	284	279	236	198 (7.80)	47 (1.85)	568 (22.36)	592 (23.31)	15.4 (34.0)	2
RES 3 SOPzV 425	2	426	419	354	198 (7.80)	65 (2.56)	568 (22.36)	592 (23.31)	22.0 (48.5)	2
RES 4 SOPzV 565	2	568	558	473	198 (7.80)	83 (3.27)	568 (22.36)	592 (23.31)	28.7 (63.3)	2
RES 5 SOPzV 710	2	710	698	591	198 (7.80)	101 (3.98)	568 (22.36)	592 (23.31)	35.3 (77.8)	2
RES 6 SOPzV 850	2	852	837	709	198 (7.80)	119 (4.69)	568 (22.36)	592 (23.31)	42.1 (92.8)	2
RES 7 SOPzV 990	2	994	977	827	198 (7.80)	137 (5.39)	568 (22.36)	592 (23.31)	48.8 (107.6)	2
RES 8 SOPzV 1135	2	1136	1117	945	198 (7.80)	155 (6.10)	568 (22.36)	592 (23.31)	55.5 (122.4)	2
RES 7 SOPzV 1190	2	1190	1171	982	198 (7.80)	137 (5.39)	713 (28.07)	737 (29.02)	60.0 (132.3)	2
RES 8 SOPzV 1360	2	1360	1338	1123	198 (7.80)	155 (6.10)	713 (28.07)	737 (29.02)	68.1 (150.1)	2

M10 Terminal type (applicable to all models).
All dimensions and weights shown are subject to manufacturing tolerances.



Metallic Trays

Battery trays for complete system solutions in 12V, 24V and 48V for trouble free installation



Applications

Developed for Renewable Energy Systems & Demanding Cyclic Applications



Residential Installations,
Off-Grid Power Systems

Infrastructure PV Systems

Remote Telecom Stations



Water Pumping Systems

Traffic Signal Systems

Road Lighting



IEC 60896-21/ IEC 60896-22/ IEC 62485-2/ IEC 61427
ISO 9001/ ISO 14001/ ISO 45001
UL 1989



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