SUNLIGHT
POWER IS KNOWLEDGE

RES SOPzV

Energy
from Nature

82 Pb Lead

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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

Operational
Safety

High Capacity
Performance

Long Cycle Life
up to 2400 cycles at 50% DoD

Modular Solution
Complete System Installation Available as Option

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

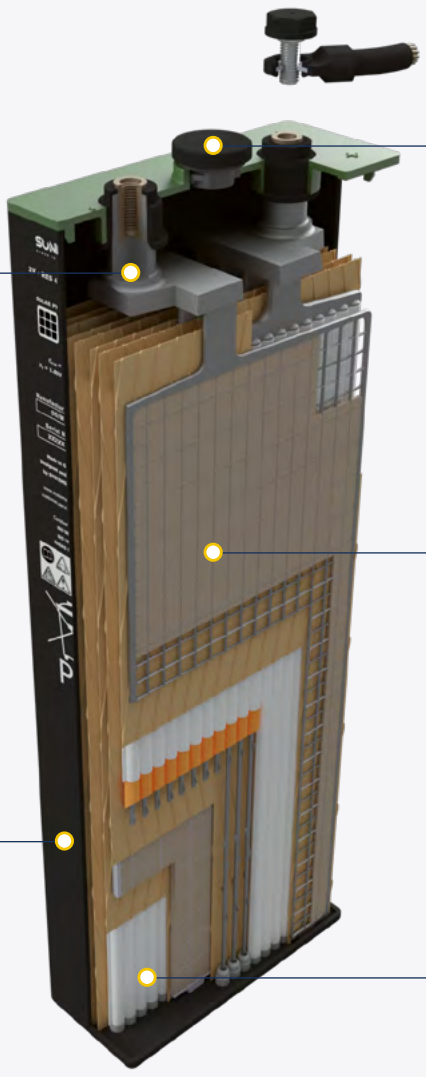
Minimized
self-discharge

Sustained
performance throughout battery lifetime

Sunlight **RES SOPzV**

Batteries with GEL Electrolyte
Main Characteristics

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



Pole

Specially designed pole for perfect sealing

Vent Plugs

Pressure relief valve with flame arrestor for increased safety

Electrolyte

In GEL form, maintenance-free operation without watering needs

Container

High impact resistant Polypropylene

Tubular Positive Plate

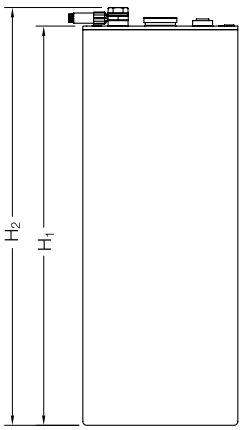
Performance and durability with ultrasonic welding of bottom bar

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**

CERTIFIED QUALITY

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

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