

## sun | power VR L

Series OPzV

### Valve regulated lead-acid batteries for cyclic applications

#### Typical applications:

- Village power supplies
- Hybrid systems
- Peak Shaving/voltage stabilisation
- Stations of mobile communications
- Sustainable tourism
- Cathodic corrosion protection
- Pumping systems

#### Your benefits:

- Maintenance-free regarding water refilling – due to innovative Gel-technology
- Very high cycle stability during PSOC<sup>1</sup> operation – due to tubular plate design with efficient charge current acceptance
- Maximum compatibility – dimensions according to DIN 40742
- Optimal space utilization – due to possibility of horizontal arrangement<sup>2</sup>
- Higher short-circuit safety even during the installation – based on HOPPECKE system connectors

<sup>1</sup> Partial State of Charge

<sup>2</sup> Operating in a horizontal position is only possible with special OPzV variant.  
Please consider when ordering!



Similar to the illustration

# Type overview **sun** | power VR L

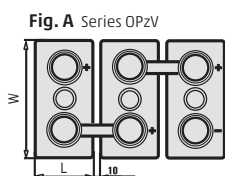
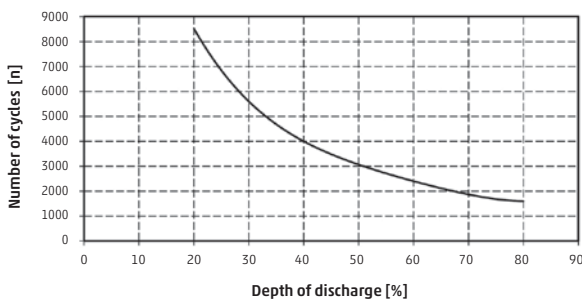
Series OPzV

## Capacities, dimensions and weights

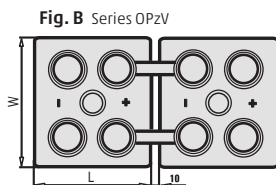
Series OPzV	$C_{100}/1.85\text{ V}$ Ah	$C_{50}/1.85\text{ V}$ Ah	$C_{24}/1.83\text{ V}$ Ah	$C_{10}/1.80\text{ V}$ Ah	$C_5/1.77\text{ V}$ Ah	max.* Weight kg	max.* Length L mm	max.* Width W mm	max.* Height H mm	Fig.
4 sun   power VR L 250	287	264	243	204	189	18.3	105	208	420	A
5 sun   power VR L 310	359	329	304	255	236	22.3	126	208	420	A
6 sun   power VR L 370	430	395	365	306	283	26.5	147	208	420	A
5 sun   power VR L 420	478	453	428	391	346	29.9	126	208	535	A
6 sun   power VR L 520	574	543	513	470	415	35.1	147	208	535	A
7 sun   power VR L 620	670	634	599	548	485	42.1	168	208	535	A
6 sun   power VR L 750	847	802	762	682	595	48.7	147	208	710	A
7 sun   power VR L 875	990	935	888	796	694	61.3	215	193	710	B
8 sun   power VR L 1000	1130	1070	1016	909	793	65.9	215	193	710	B
9 sun   power VR L 1125	1271	1203	1143	1023	893	75.6	215	235	710	B
10 sun   power VR L 1250	1412	1337	1270	1137	992	80.5	215	235	710	B
11 sun   power VR L 1375	1553	1471	1397	1250	1091	89.3	215	277	710	B
12 sun   power VR L 1500	1695	1604	1524	1364	1190	94.6	215	277	710	B
12 sun   power VR L 1700	1955	1870	1785	1545	1372	110.0	215	277	855	B
14 sun   power VR L 2000	2281	2182	2082	1802	1601	136.5	215	400	815	C
16 sun   power VR L 2300	2607	2493	2380	2060	1829	152.9	215	400	815	C
18 sun   power VR L 2600	2933	2805	2677	2317	2058	173.0	215	490	815	D
20 sun   power VR L 2900	3258	3117	2975	2574	2287	186.5	215	490	815	D
22 sun   power VR L 3200	3584	3428	3272	2832	2515	214.7	215	580	815	D
24 sun   power VR L 3500	3910	3740	3570	3089	2744	222.3	215	580	815	D

## Service life in cycles and Depth of Discharge

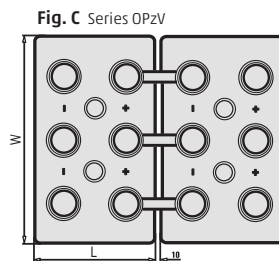
$C_{10}$  and  $C_{100}$  = Capacity at 10 h and 100 h discharge  
\* according to DIN 40742 data to be understood as maximum values



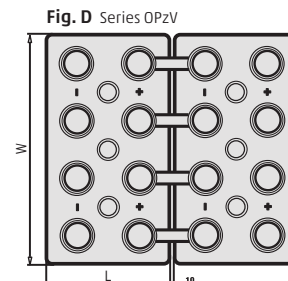
4 sun | power VR L 250 -  
6 sun | power VR L 750



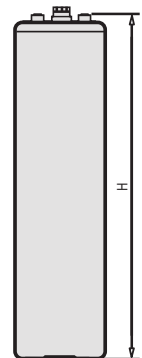
7 sun | power VR L 875 -  
12 sun | power VR L 1700



14 sun | power VR L 2000 -  
16 sun | power VR L 2300



18 sun | power VR L 2600 -  
24 sun | power VR L 3500



## Optimal environmental compatibility - closed loop for recovery of materials in an accredited recycling system

IEC 60896-21 · IEC 61427

