



Similar to the illustration

## sun | power VR L bloc

Series OPzV bloc

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

#### Typical applications:

- Solar home storage systems
- Hybrid systems
- Signalling systems
- Street lighting
- Stations of mobile communications
- Medical care facilities
- Cathodic corrosion protection

#### Your benefits:

- Maintenance-free regarding water refilling – due to innovative Gel-technology
- Very high cycle stability during PSoC\* operation – due to tubular plate design with efficient charge current acceptance
- Maximum compatibility – dimensions according to DIN 40744
- Easy assembly and installation – battery lid with integral handle
- Higher short-circuit safety even during the installation – based on HOPPECKE system connectors

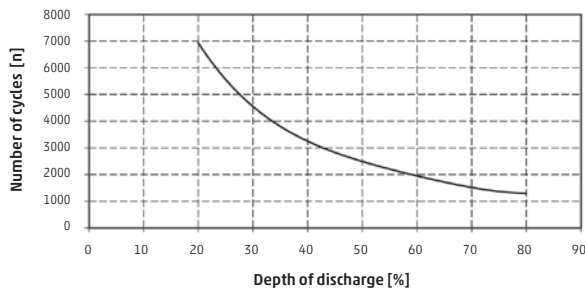
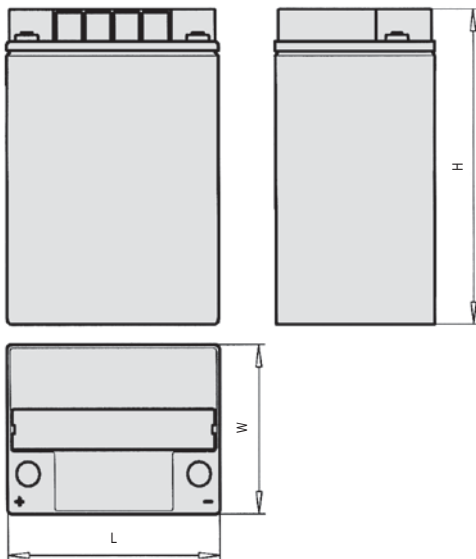
\* Partial State of Charge

**Capacities, dimensions and weights**

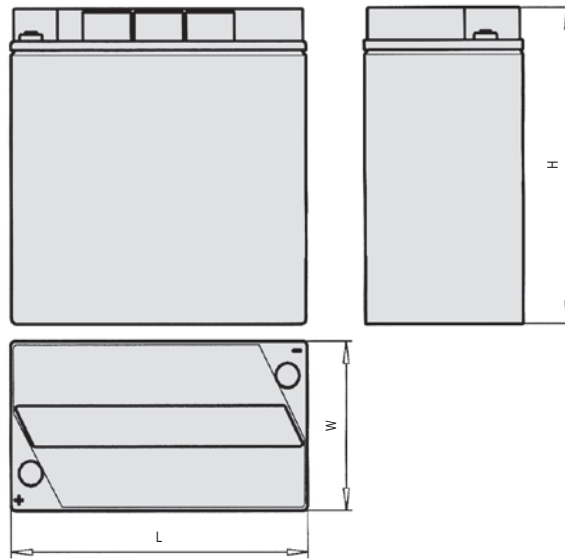
Series OPzV bloc	$C_{100}/1.85\text{V}$ Ah	$C_{50}/1.85\text{V}$ Ah	$C_{24}/1.83\text{V}$ Ah	$C_{10}/1.80\text{V}$ Ah	$C_5/1.77\text{V}$ Ah	max. Weight kg	max.** Length L mm	max.** Width W mm	max.** Height H mm	Fig.
12V 1 <b>sun</b>   power VR L bloc 70	70	65	58	51	45	40.0	272	205	383	A
12V 2 <b>sun</b>   power VR L bloc 120	130	125	118	103	91	52.5	272	205	383	A
12V 3 <b>sun</b>   power VR L bloc 180	200	190	175	154	136	75.5	380	205	383	A
6V 4 <b>sun</b>   power VR L bloc 250	270	250	235	205	181	51.0	272	205	383	B
6V 5 <b>sun</b>   power VR L bloc 300	330	315	293	250	226	66.0	380	205	383	B
6V 6 <b>sun</b>   power VR L bloc 370	400	375	350	308	272	73.0	380	205	383	B

**Service life in cycles and Depth of Discharge**

$C_{100}$ ,  $C_{50}$ ,  $C_{24}$ ,  $C_{10}$  and  $C_5$  = Capacity at 100 h, 50 h, 24 h, 10 h and 5 h discharge  
 \*\* according to DIN 40744 data to be understood as maximum values


**Fig. A** Series OPzV bloc


12V 1 **sun** | power VR L bloc 70 -  
 12V 3 **sun** | power VR L bloc 180

**Fig. B** Series OPzV bloc


6V 4 **sun** | power VR L bloc 250 -  
 6V 6 **sun** | power VR L bloc 370

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

IEC 60896-21

IEC 61427