HOPPECKE
POWER FROM INNOVATION

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

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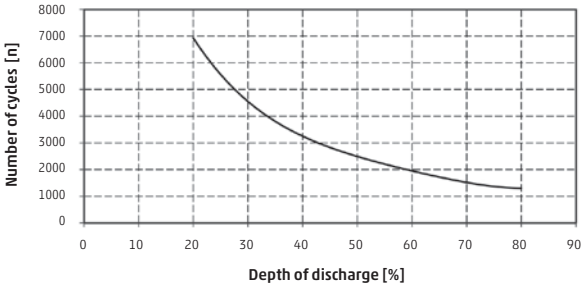
Type overview **sun | power** VR L bloc

Series OPzV bloc

Capacities, dimensions and weights

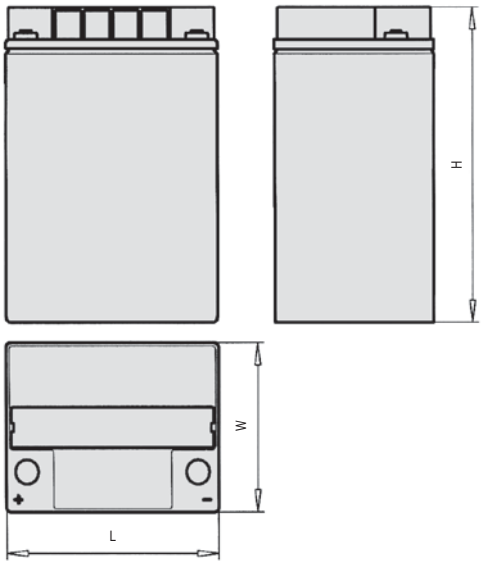
Series OPzV bloc	C_{100}/1.85 V Ah	C_{50}/1.85 V Ah	C_{24}/1.83 V Ah	C_{10}/1.80 V Ah	C_5/1.77 V Ah	max. Weight kg	max.** Length L mm	max.** Width W mm	max.** Height H mm	Fig.
12V 1 **sun** | power VR L bloc 70	70	65	58	51	45	40.0	272	205	383	A
12V 2 **sun** | power VR L bloc 120	130	125	118	103	91	52.5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

Service life in cycles and Depth of Discharge



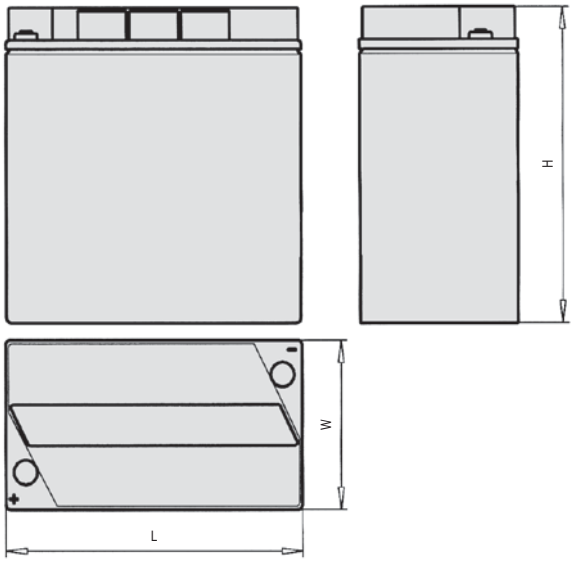
C_{100}, C_{50}, C_{24}, C_{10} and C_5 = Capacity at 100 h, 50 h, 24 h, 10 h and 5 h discharge
** according to DIN 40744 data to be understood as maximum values

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

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