

sun | power V L bloc

Series OPzS bloc

Vented lead-acid battery for cyclic applications

Typical applications:

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

Your benefits:

- Very high cycle stability during PSoC* operation – due to tubular plate design with efficient charge current acceptance
- Maximum compatibility – dimensions according to DIN 40737-3
- Easy assembly and installation – battery lid with integral handle
- Higher short-circuit safety even during the installation – based on HOPPECKE system connectors

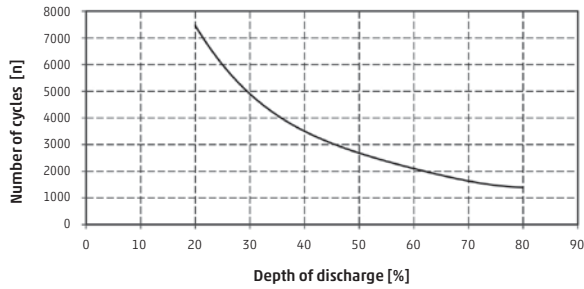
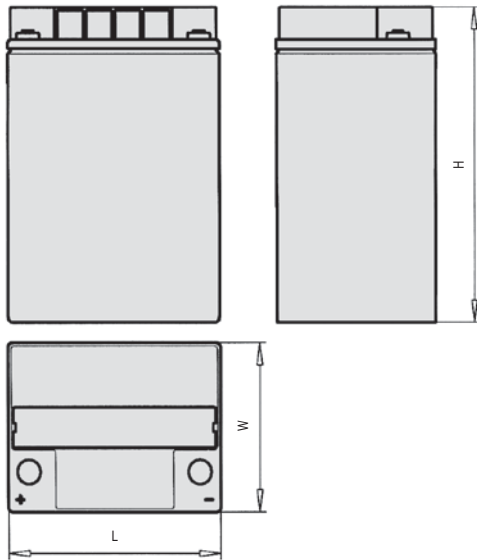


Capacities, dimensions and weights

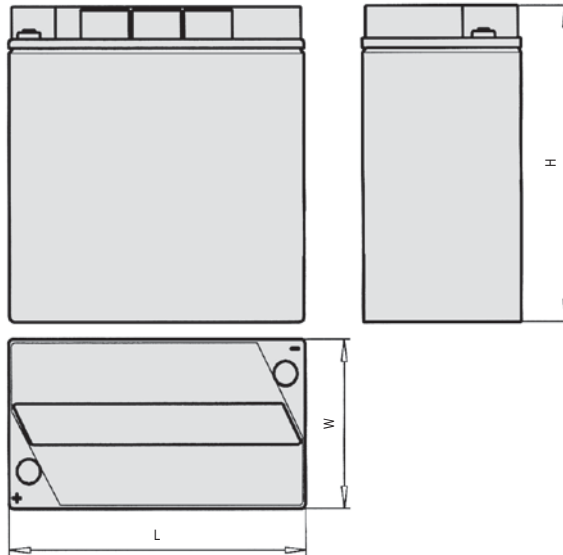
Series OPzS bloc	$C_{100}/1.85\text{ V}$ Ah	$C_{50}/1.85\text{ V}$ Ah	$C_{24}/1.83\text{ V}$ Ah	$C_{10}/1.80\text{ V}$ Ah	$C_5/1.77\text{ V}$ Ah	max. Weight kg	Weight electrolyte kg (1.24 kg/l)	max. ** Length L mm	max. ** Width W mm	max. ** Height H mm	Fig.
12V 1 sun power V L bloc 70	70	65	60	50	44	37.0	15.0	272	205	383	A
12V 2 sun power V L bloc 130	130	130	120	101	88	48.0	13.0	272	205	383	A
12V 3 sun power V L bloc 200	200	190	180	151	132	68.0	18.0	380	205	383	A
6V 4 sun power V L bloc 270	270	255	240	202	176	47.0	13.0	272	205	383	B
6V 5 sun power V L bloc 330	330	320	298	252	220	61.0	20.0	380	205	383	B
6V 6 sun power V L bloc 400	400	380	358	302	264	67.0	18.0	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 40737-3 data to be understood as maximum values.


Fig. A Series OPzS bloc


12V 1 **sun | power** V L bloc 70 -
 12V 3 **sun | power** V L bloc 200

Fig. B Series OPzS bloc


6V 4 **sun | power** V L bloc 270 -
 6V 6 **sun | power** V L bloc 400

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

IEC 60896-11

IEC 61427

