

# OPzV bloc solar.power

## Valve regulated lead-acid batteries for cyclic applications



Motive Power Systems

**Reserve Power Systems**

Special Power Systems

Service

### Your benefits with HOPPECKE OPzV bloc solar.power

- **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 40744
- **Easy assembly and installation** - battery lid with integral handle
- **Higher short-circuit safety even during the installation** - based on HOPPECKE system connectors



### Typical applications of HOPPECKE OPzV bloc solar.power

- **Solar/Off-grid and Leisure Applications**  
Isolated holiday homes, cottages, alpine huts
- **Storage for direct consumption of photovoltaic (PV) energy**
- **Traffic systems**  
Signalling systems  
Lighting
- **Telecommunications**  
Mobile phone stations  
BTS-stations  
Off-grid/on-grid solutions

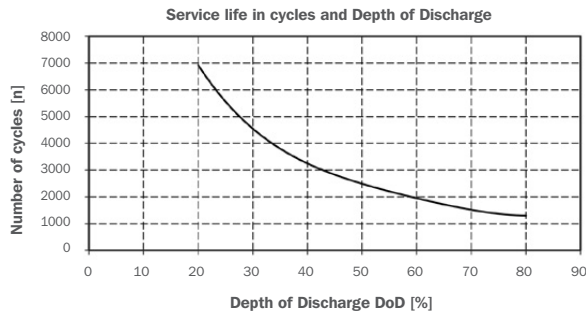


POWER FROM INNOVATION

## Type overview

### Capacities, dimensions and weights

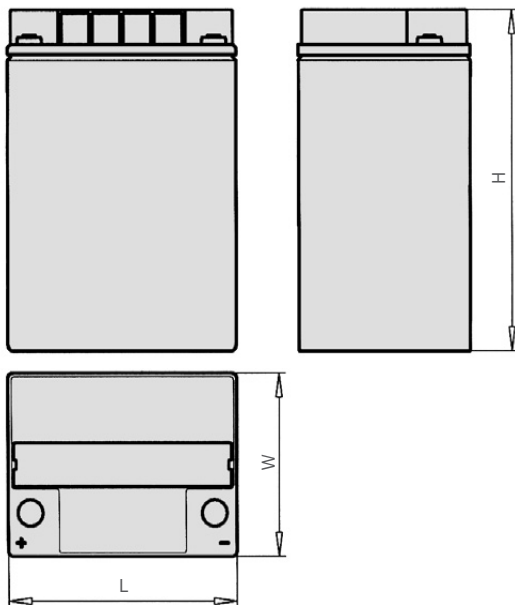
Type	C <sub>100</sub> /1.85 V Ah	C <sub>50</sub> /1.85 V Ah	C <sub>24</sub> /1.83 V Ah	C <sub>10</sub> /1.80 V Ah	C <sub>5</sub> /1.77 V Ah	Max. Weight kg	max.* Length L mm	max.* Width W mm	max.* Height H mm	Fig.
12V 1 OPzV bloc solar.power 70	70	65	58	51	45	40.0	272	205	383	A
12V 2 OPzV bloc solar.power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



C<sub>100</sub>, C<sub>50</sub>, C<sub>24</sub>, C<sub>10</sub> and C<sub>5</sub> = Capacity at 100 h, 50 h, 24 h, 10 h and 5 h discharge

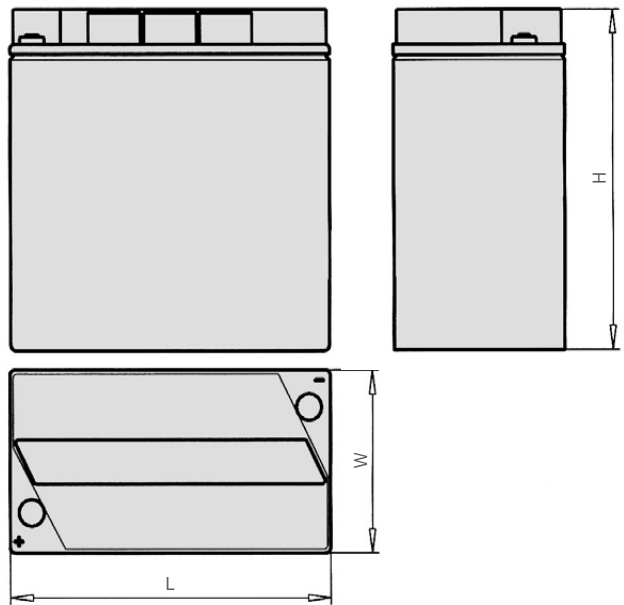
\* according to DIN 40744 data to be understood as maximum values

Fig. A



12 V 1 OPzV bloc solar.power 70 -  
12 V 3 OPzV bloc solar.power 180

Fig. B



6 V 4 OPzV bloc solar.power 250 -  
6 V 6 OPzV bloc solar.power 370

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

IEC 60896-21  
IEC 61427

‡ Partial State of Charge