

OPzV 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 solar.power

- **Maintenance-free regarding water refilling** - due to innovative Gel-technology
- **Very high cycle stability during PSoC¹ 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 arrangement²
- **Higher short-circuit safety even during the installation** - based on HOPPECKE system connectors



Typical applications of HOPPECKE OPzV solar.power

- **Solar-/Off-grid applications**
Power supply for remote off-grid applications and isolated power networks, drinking water supply systems, healthcare facilities
- **Telecommunications**
Mobile phone stations
BTS-stations
Off-grid/on-grid solutions
- **Traffic systems**
Signalling systems
Lighting



HOPPECKE

POWER FROM INNOVATION

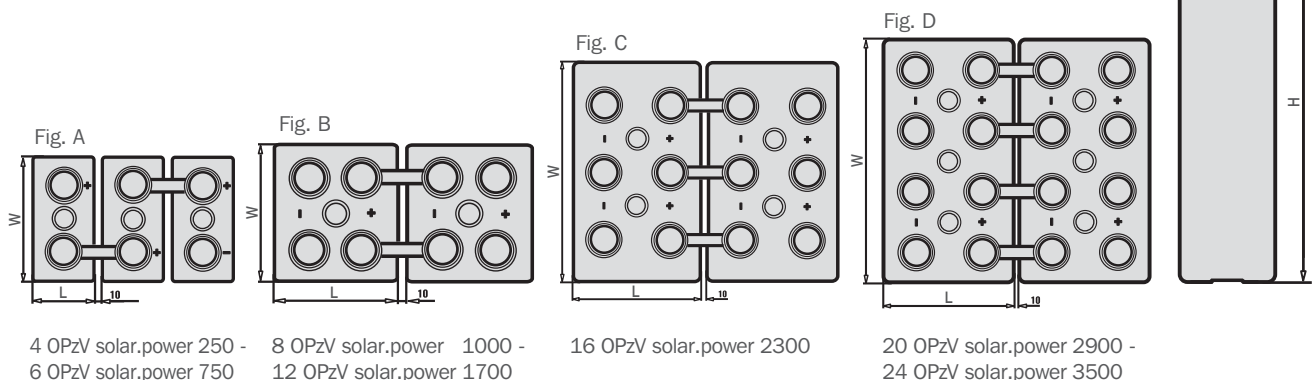
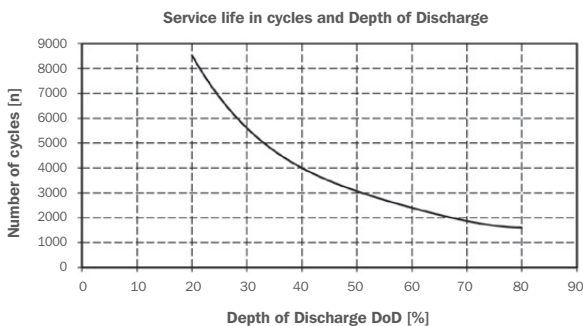
Type overview

Capacities, dimensions and weights

Type		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.
4 OPzV solar.power 250	250	286.9	263.5	243.0	204.1	188.7	18.3	105	208	420	A
5 OPzV solar.power 310	310	358.6	329.3	303.8	255.1	235.8	22.3	126	208	420	A
6 OPzV solar.power 370	370	430.3	395.2	364.6	306.1	283.0	26.5	147	208	420	A
5 OPzV solar.power 420	420	478.2	452.9	427.8	391.4	346.1	29.9	126	208	535	A
6 OPzV solar.power 520	520	573.9	543.4	513.4	469.7	415.3	35.1	147	208	535	A
7 OPzV solar.power 620	620	669.5	634.0	599.0	548.0	484.5	42.1	168	208	535	A
6 OPzV solar.power 750	750	847.3	802.2	762.1	682.0	595.0	48.7	147	208	710	A
8 OPzV solar.power 1000	1000	1129.8	1069.6	1016.2	909.3	793.3	65.9	215	193	710	B
10 OPzV solar.power 1250	1250	1412.2	1337.0	1270.2	1136.7	991.7	80.5	215	235	710	B
12 OPzV solar.power 1500	1500	1694.7	1604.4	1524.2	1364.0	1190.0	94.6	215	277	710	B
12 OPzV solar.power 1700	1700	1955.0	1870.0	1784.9	1544.6	1371.9	110.0	215	277	855	B
16 OPzV solar.power 2300	2300	2606.7	2493.3	2379.8	2059.5	1829.2	152.9	215	400	815	C
20 OPzV solar.power 2900	2900	3258.3	3116.7	2974.8	2574.3	2286.5	186.5	215	490	815	D
24 OPzV solar.power 3500	3500	3910.0	3740.0	3569.8	3089.2	2743.8	222.3	215	580	815	D

C₁₀₀, C₅₀, C₂₄, C₁₀ and C₅ = Capacity at 100 h, 50 h, 24 h, 10 h and 5 h discharge

* according to DIN 40742 data to be understood as maximum values



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

IEC 60896-21
IEC 61427

¹ Partial State of Charge

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