

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 horizontal arrangement and stacking
- **Higher short-circuit safety even during the installation** - based on HOPPECKE system connectors



Similar to the illustration

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

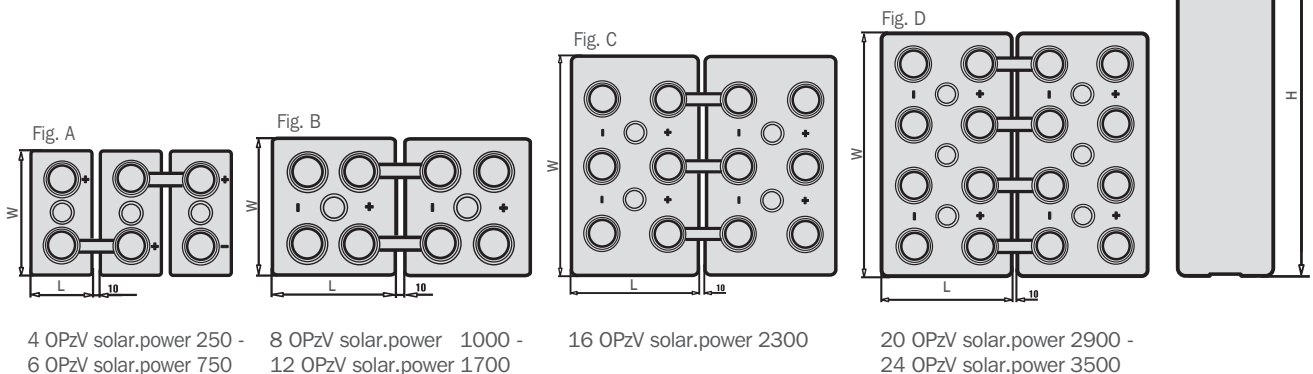
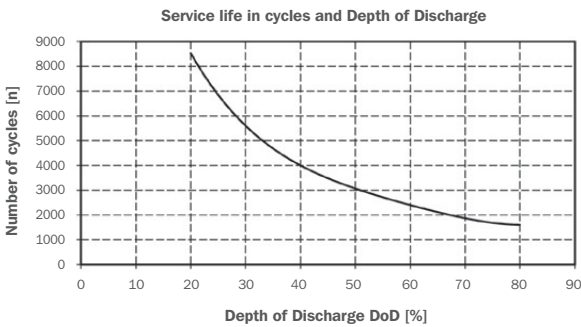
Type overview

Capacities, dimensions and weights

Type	$C_{100/1.85\text{ V}}$ 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.
4 OPzV solar.power 250	250.0	225.0	225.6	207.0	188.5	18.3	105	208	420	A
5 OPzV solar.power 310	310.0	285.0	278.4	259.0	235.5	22.3	126	208	420	A
6 OPzV solar.power 370	370.0	340.0	336.0	310.0	283.0	26.5	147	208	420	A
5 OPzV solar.power 420	440.0	440.0	436.8	391.0	347.0	29.9	126	208	535	A
6 OPzV solar.power 520	560.0	530.0	525.6	469.0	416.0	35.1	147	208	535	A
7 OPzV solar.power 620	660.0	620.0	612.0	548.0	484.5	42.1	168	208	535	A
6 OPzV solar.power 750	810.0	745.0	739.2	682.0	595.0	48.7	147	208	710	A
8 OPzV solar.power 1000	1080.0	995.0	981.6	910.0	795.0	65.9	215	193	710	B
10 OPzV solar.power 1250	1350.0	1245.0	1228.8	1140.0	990.0	80.5	215	235	710	B
12 OPzV solar.power 1500	1570.0	1490.0	1476.0	1370.0	1190.0	94.6	215	277	710	B
12 OPzV solar.power 1700	1720.0	1675.0	1658.4	1520.0	1275.0	110.0	215	277	840	B
16 OPzV solar.power 2300	2320.0	2235.0	2210.4	2030.0	1695.0	152.9	215	400	815	C
20 OPzV solar.power 2900	2930.0	2795.0	2760.0	2540.0	2125.0	186.5	215	490	815	D
24 OPzV solar.power 3500	3540.0	3350.0	3312.0	3050.0	2545.0	222.3	215	580	815	D

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 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