HOPPECKE
POWER FROM INNOVATION



sun | power VR M

Valve regulated lead acid batteries for cyclic applications

Typical applications:

- Solar home storage systems
- Street lighting
- Medical care facilities
- Signalling systems
- Leisure applications

Your benefits:

- Maintenance-free regarding water refilling due to the innovative Gel-ESS technology
- Optimized cycle stability – due to improved electrode design for efficiently charge current acceptance
- Optimum operational safety – integrated backfire protection
- Higher short-circuit safety even during the installation – based on HOPPECKE system connectors

www.hoppecke.com

HOPPECKE
POWER FROM INNOVATION

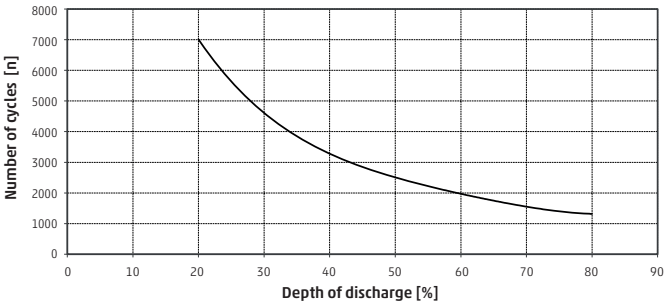
Type overview **sun** | power VR M

Capacities, dimensions and weights

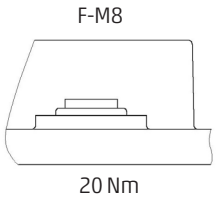
Type		Nominal Voltage V	C_{100}/1.85 V Ah	C_{50}/1.80 V Ah	C_{24}/1.80 V Ah	C_{10}/1.80 V Ah	Length L mm	Width W mm	Height H mm	Weight kg	Connection	Handle	Terminal layout
sun | power VR M	12-58	12	55	58	55	48	232	177	190	19.0	F-M8	yes	B
sun | power VR M	12-70	12	62	65	64	58	267	177	190	23.0	F-M8	yes	B
sun | power VR M	12-80	12	73	76	73	66	303	177	190	24.0	F-M8	yes	B
sun | power VR M	12-90	12	83	86	84	76	342	177	190	28.0	F-M8	yes	B
sun | power VR M	12-105	12	101	103	98	87	344	177	230	38.0	F-M8	no	A
sun | power VR M	12-135	12	125	128	122	111	344	170	275	46.0	F-M8	no	A
sun | power VR M	12-150	12	146	151	146	133	498	177	230	55.0	F-M8	no	A
sun | power VR M	6-200	6	186	190	183	167	242	170	275	32.0	F-M8	no	C
sun | power VR M	6-250	6	247	253	243	229	308	170	275	41.0	F-M8	no	C
sun | power VR M	2-430	2	427	442	433	411	183	155	310	25.2	F-M8	yes	D
sun | power VR M	2-620	2	616	638	629	604	183	226	310	38.0	F-M8	yes	E
sun | power VR M	2-890	2	892	921	896	834	182	304	310	50.3	F-M8	yes	F
sun | power VR M	2-1120	2	1124	1159	1134	1070	182	391	310	64.2	F-M8	yes	G

C_{100}, C_{48}, C_{24} and C_{10} = Capacity at 100 h, 48 h, 24 h and 10 h discharge

Service life in cycles and Depth of Discharge

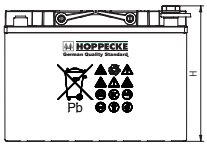


Connection and torque



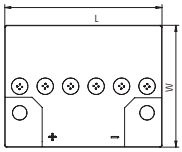
Optimal environmental compatibility – closed loop for recovery of materials in an accredited recycling system
IEC 60896-21
IEC 61427

Terminal layout



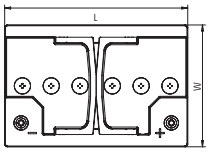
sun | power VR M 12-58 -
sun | power VR M 6-250

Fig. A



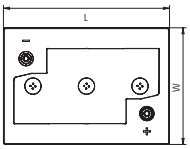
sun | power VR M 12-105 -
sun | power VR M 12-150

Fig. B



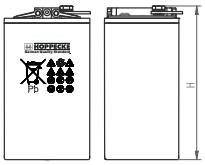
sun | power VR M 12-58 -
sun | power VR M 12-90

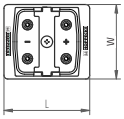
Fig. C



sun | power VR M 6-200 -
sun | power VR M 6-250

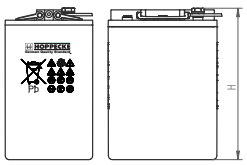
Fig. D

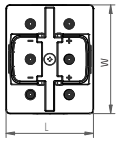




sun | power VR M 2-430

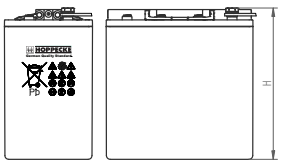
Fig. E

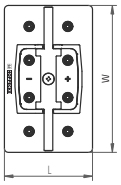




sun | power VR M 2-620

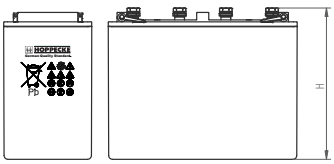
Fig. F

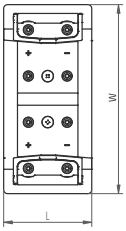




sun | power VR M 2-890

Fig. G





sun | power VR M 2-1120

HOPPECKE Batterien GmbH & Co. KG
Bontkirchener Str. 1 · D - 59929 Brilon · Fon: +49 (0) 2963 61-374 · Fax: +49 (0) 2963 61-270
Email: solar@hoppecke.com · www.hoppecke.com

03/2019 EN sun | power VR M All details in this brochure are based on state-of-the-art technology. Our products are subject to constant development. We therefore reserve the right to make changes