HOPPECKE
POWER FROM INNOVATION

Similar to the illustration

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 monobloc battery – due to Absorbent Glass Mat-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

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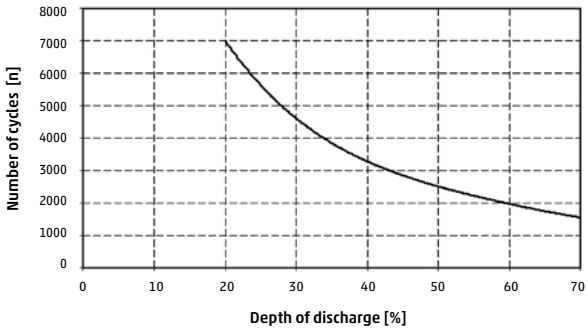
Type overview sun | power VR M

Capacities, dimensions and weights

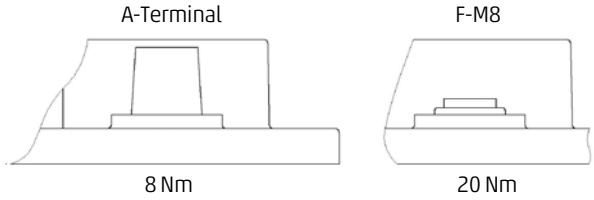
Type	Nominal Voltage V	C_{100}/1.85 V Ah	C_{50}/1.80 V Ah	C_{24}/1.80 V Ah	C_{10}/1.80 V Ah	Length L mm	Width W mm	Height H mm	Weight kg	Connection	Handle	Terminal layout
sun | power VR M 12-58	12	56	58	56	48	232	177	190	19.0	A-Terminal	yes	B
sun | power VR M 12-70	12	69	71	68	58	267	177	190	23.0	A-Terminal	yes	B
sun | power VR M 12-80	12	76	78	74	66	303	177	190	24.0	A-Terminal	yes	B
sun | power VR M 12-90	12	88	89	85	76	342	177	190	28.0	A-Terminal	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

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

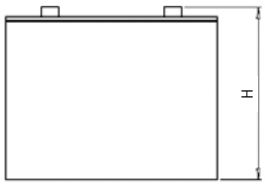
Service life in cycles and Depth of Discharge



Connection and torque

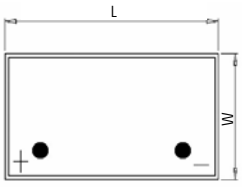


Terminal layout



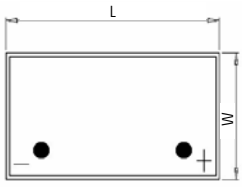
sun | power VR M 12 V 58 - 6 V 250

A



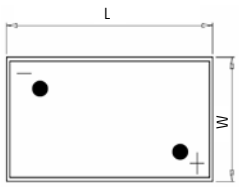
sun | power VR M 12 V 105
sun | power VR M 12 V 135
sun | power VR M 12 V 150

B



sun | power VR M 12 V 58
sun | power VR M 12 V 70
sun | power VR M 12 V 80
sun | power VR M 12 V 90

C



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

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

IEC 60896-21
IEC 61427

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