

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 and central degassing system
- Higher short-circuit safety even during the installation - based on HOPPECKE system connectors



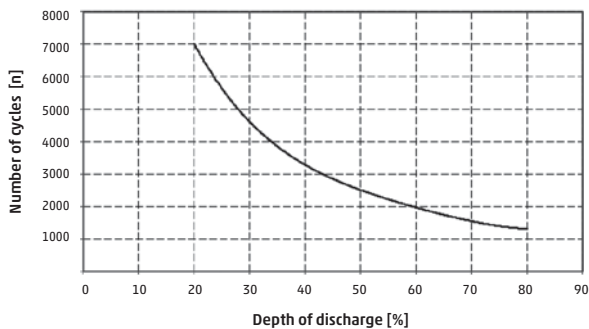
Type overview **sun | power VR M**

Capacities, dimensions and weights

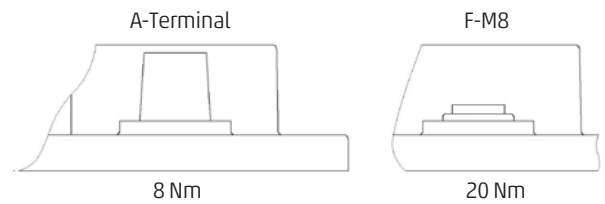
	$C_{100}/1.85\text{ V}$ Ah	$C_{48}/1.80\text{ V}$ Ah	$C_{24}/1.80\text{ V}$ Ah	$C_{10}/1.80\text{ V}$ Ah	Length L mm	Width W mm	Height H mm	Weight kg	Connection	Handle	Terminal layout
sun power VR M 12 V 58	60	57	55	48	232	177	190	19,00	A-Terminal	yes	B
sun power VR M 12 V 70	70	69	67	58	267	177	190	23,00	A-Terminal	yes	B
sun power VR M 12 V 80	80	79	75	66	303	177	190	24,00	A-Terminal	yes	B
sun power VR M 12 V 90	90	89	84	76	342	177	190	28,00	A-Terminal	yes	B
sun power VR M 12 V 105	100	104	98	87	344	177	230	38,00	F-M8	no	A
sun power VR M 12 V 135	130	129	122	111	344	170	275	46,00	F-M8	no	A
sun power VR M 12 V 150	150	149	146	133	498	177	230	55,00	F-M8	no	A
sun power VR M 6 V 200	190	189	182	167	242	170	275	32,00	F-M8	no	C
sun power VR M 6 V 250	250	254	242	229	308	170	275	41,00	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

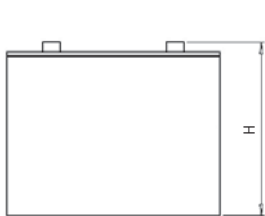
Service life in cycles and Depth of Discharge



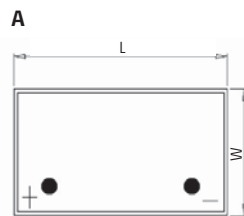
Connection and torque



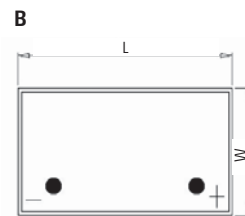
Terminal layout



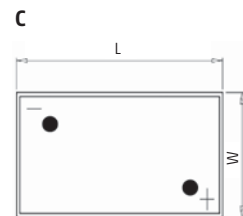
sun | power VR M 12 V 58 - 6 V 250



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



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



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

