



## 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

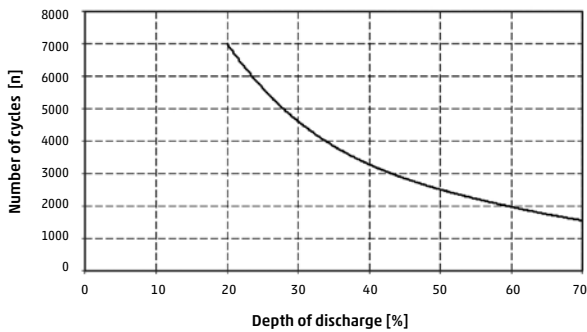
# Type overview **sun | power VR M**

## Capacities, dimensions and weights

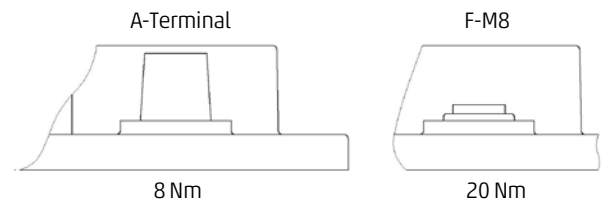
Type	Nominal Voltage V	C <sub>100</sub> /1.85 V Ah	C <sub>50</sub> /1.80 V Ah	C <sub>24</sub> /1.80 V Ah	C <sub>10</sub> /1.80 V Ah	Length L mm	Width W mm	Height H mm	Weight kg	Connection	Handle	Terminal layout
<b>sun   power VR M</b> 12-58	12	56	58	56	48	232	177	190	19.0	A-Terminal	yes	B
<b>sun   power VR M</b> 12-70	12	69	71	68	58	267	177	190	23.0	A-Terminal	yes	B
<b>sun   power VR M</b> 12-80	12	76	78	74	66	303	177	190	24.0	A-Terminal	yes	B
<b>sun   power VR M</b> 12-90	12	88	89	85	76	342	177	190	28.0	A-Terminal	yes	B
<b>sun   power VR M</b> 12-105	12	101	103	98	87	344	177	230	38.0	F-M8	no	A
<b>sun   power VR M</b> 12-135	12	125	128	122	111	344	170	275	46.0	F-M8	no	A
<b>sun   power VR M</b> 12-150	12	146	151	146	133	498	177	230	55.0	F-M8	no	A
<b>sun   power VR M</b> 6-200	6	186	190	183	167	242	170	275	32.0	F-M8	no	C
<b>sun   power VR M</b> 6-250	6	247	253	243	229	308	170	275	41.0	F-M8	no	C

C<sub>100</sub>, C<sub>48</sub>, C<sub>24</sub> and C<sub>10</sub> = Capacity at 100 h, 48 h, 24 h and 10 h discharge

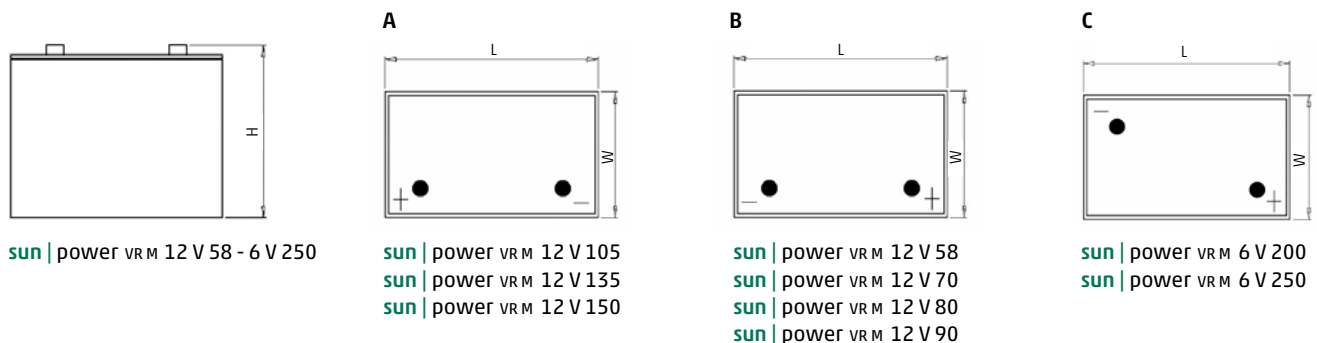
## Service life in cycles and Depth of Discharge



## Connection and torque



## Terminal layout



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

IEC 60896-21

IEC 61427

