

solar.bloc

Valve regulated lead-acid
battery for cyclic applications



Motive Power Systems

Reserve Power Systems

Special Power Systems

Service

Your benefits with HOPPECKE solar.bloc

- **Maintenance-free regarding water refilling** - due to absorbed Glass Mat-technology
- **Optimized cycle stability** - due to optimized electrode design for efficiently charge current acceptance
- **Optimum operational safety** - integrated backfire protection and central degassing system
- **Higher external short-circuit safety during installation and operation** - based on fully insulated intercell connectors



Typical applications of HOPPECKE solar.bloc

- **Solar-/Off-grid applications**
Power supply for remote off-grid applications and isolated power networks, solar home systems, solar street lighting, healthcare facilities
- **Storage for direct consumption of photovoltaic (PV) energy**
- **Telecommunications**
Cell phone sites
Central office installations
- **Traffic systems**
Signalling systems
Lighting



HOPPECKE

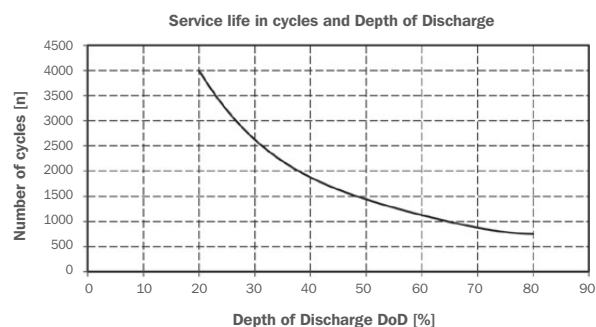
POWER FROM INNOVATION

Type overview

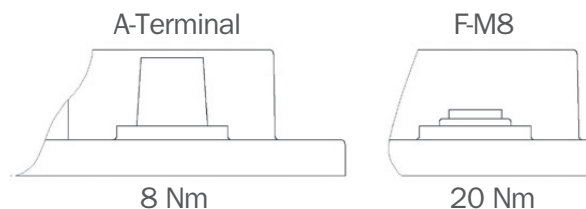
Capacities, dimensions and weights

Type	C_8 / 1.75 V @ 25 °C / 77 °F Ah	C_{100} / 1.85 V @ 20 °C / 68 °F Ah	Weight kg / lbs	Length L mm / inch	Width W mm / inch	Height H mm / inch	Fig.
solar.bloc 12V 58	52	58	19.0 / 41.88	247 / 9.72	175 / 6.88	190 / 7.48	B
solar.bloc 12V 70	58	70	23.0 / 50.70	278 / 10.94	175 / 6.88	190 / 7.48	B
solar.bloc 12V 80	73	82	24.0 / 52.91	315 / 12.40	175 / 6.88	190 / 7.48	B
solar.bloc 12V 90	77	93	28.0 / 61.72	353 / 13.89	175 / 6.88	190 / 7.48	B
solar.bloc 12V 105	94	105	38.0 / 83.77	344 / 13.54	177 / 6.96	230 / 9.05	A
solar.bloc 12V 135	111	134	46.0 / 101.41	344 / 13.54	170 / 6.69	275 / 10.82	A
solar.bloc 12V 150	125	152	55.0 / 121.25	498 / 19.60	177 / 6.96	230 / 9.05	A
solar.bloc 6V 200	162	198	32.0 / 70.54	242 / 9.52	170 / 6.69	275 / 10.82	C
solar.bloc 6V 250	208	251	41.0 / 90.38	308 / 12.12	170 / 6.69	275 / 10.82	C

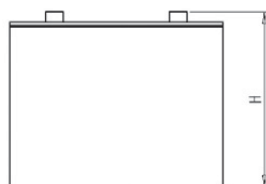
C_8 and C_{100} = Capacity at 8 h and 100 h discharge



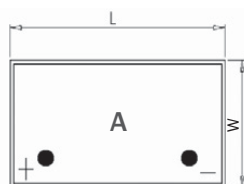
Connection and torque



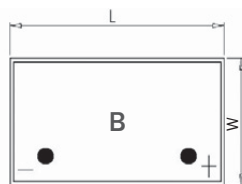
Terminal layout



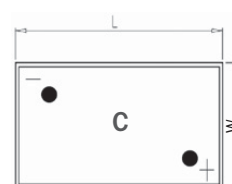
solar.bloc 12 V 58 - 6 V 250



solar.bloc 12 V 105
solar.bloc 12 V 135
solar.bloc 12 V 150



solar.bloc 12 V 58
solar.bloc 12 V 70
solar.bloc 12 V 80
solar.bloc 12 V 90



solar.bloc 6 V 200
solar.bloc 6 V 250

Environmental responsibility - we offer complete recovery of material in an accredited recycling facility

IEC 60896-21
IEC 61427