



Thanks to their high-resistance and reliability, the SOLAR BLOC series batteries are ideal for their use in installations under the harshest conditions.

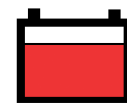
Manufactured with high and proved DRYFIT technology. Electrolyte is immobilized in gel form, assuring a completely free-maintenance battery.

This range of batteries offered by Mediterráneo Señales Marítimas is ideal for their use in Marine Aids to Navigation installations, as they allow deep discharges, do not emit any gases and can be installed in any position, without disrupting their operation when installed on buoys.

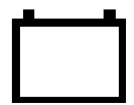
Designed according to Standards IEC 61427 and IEC 60896-21/22 Standards.

FEATURES

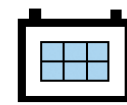
- ✓ DRYFIT technology ensuring a free-maintenance, gelled, leak-proof battery.
- ✓ Grid plate of exceptional cycling performance: 1.200 cycles at 60%.
- ✓ Nominal capacity from 60 to 330 Ah C₁₀₀ (20°C).
- ✓ Minimum operating service life of 7 years.
- ✓ Completely recyclable due to the low CO₂ footprint.
- ✓ Possibility of storage without recharge up to 2 years.
- ✓ Robust design resilient in harsh conditions.
- ✓ Protection valves against over-pressures, protecting cells against the atmosphere.
- ✓ Proof against deep-discharge.
- ✓ Easy installation.
- ✓ Trouble-free transport: no restrictions for rail, road, sea and air transportation (IATA, DGR clause A67).



Nominal capacity 60.0 – 330 Ah C₁₀₀



Block battery



Grid plate



Recyclable



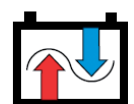
Valve regulated lead-acid batteries



Proof against deep discharge



Maintenance-free (no topping up)



1200 cycles at 60% DoD C₁₀

BATTERIES

SOLAR BLOC SERIES

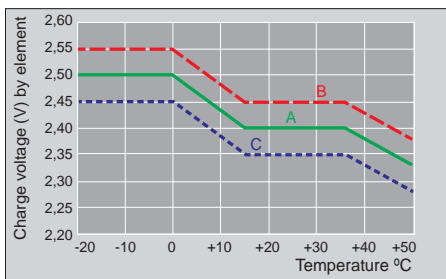
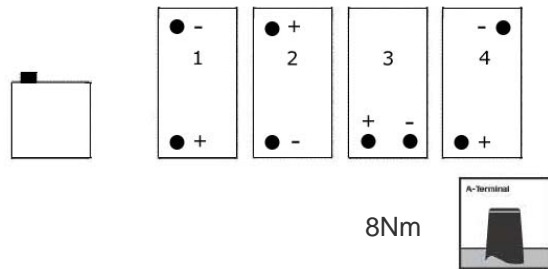


Specifications subject to change without previous notice.

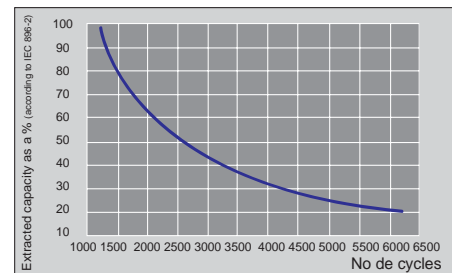
Type	Nominal voltage (V)	Nominal capacity C_{100} 1.80 V/C (Ah)	Length max. (mm)	Width max. (mm)	Height up to top of cover max. (mm)	Height including connectors max. (mm)	Approx. weight (kg)	Terminal	Terminal position
SB12/60 A	12	60	278	175	-	190	19	A-Terminal	1
SB12/75 A	12	75	330	171	214	236	26.5	A-Terminal	2
SB12/100 A	12	100	513	189	195	223	36.5	A-Terminal	3
SB12/130 A	12	130	513	223	195	223	45.5	A-Terminal	3
SB12/185 A	12	185	518	274	216	238	62.5	A-Terminal	3
SB6/200 A	6	200	246	192	254	275	29	A-Terminal	4
SB6/330 A	6	330	312	182	337	359	47	A-Terminal	4

Type	Capacities $C_1 - C_{100}$ (20°C)				
	C_1 1.70 V/C	C_5 1.70 V/C	C_{10} 1.70 V/C	C_{20} 1.75 V/C	C_{100} 1.80 V/C
SB12/60 A	34	45	52	56	60
SB12/75 A	48	60	66	70	75
SB12/100 A	57	84	89	90	100
SB12/130 A	78	101	105	116	130
SB12/185 A	103	150	155	165	185
SB6/200 A	104	153	162	180	200
SB6/330 A	150	235	260	280	330

Drawings with terminal position, terminal and torque.



- 1) With switch regulator (two-step controller). Charge on curve **B** (max. charge voltage) for max. 2 hrs/day, then switch over to continuous charge - curve **C**.
- 2) Standard charge (without switching) - curve **A**.
- 3) Boost charge (equalizing charge with external generator). Charge on curve **B** for max. 5 hrs/month, then switch over to curve **C**.



Endurance in cycles according to IEC 986-2.



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