Sonnenschein SOLAR BLOCK

Safe power supply for medium performance

The Sonnenschein SOLAR BLOCK battery range is very powerful and reliable in rough application conditions. This range is the ideal energy source for medium industrial solar systems, holiday and weekend houses, wind powerstations, as well as for other safety equipment power supplies.

Your benefit:

> **Excellent cycling performance** – 1200 cycles at 60% Depth of Discharge C_{10} (at 20 °C)

> **dryfit Gel technology** – leak proof

> **Lowest energy consumption** – saving costs

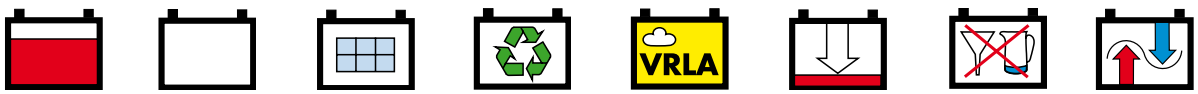
> **Robust design** – resilient in harsh conditions

> **Proof against deep discharge** – greater long-term energy delivery

> **Completely recyclable** – low CO_2-footprint

Specifications

> Nominal capacity 60.0 – 330 Ah C_{100} (20 °C)
> Long shelf life up to 2 years at 20 °C without recharge due to the very low self discharge rate
> Designed in accordance with IEC 61427 and IEC 60896-21/22
> Manufactured in Europe in our ISO 9001 certified production plants
> Trouble-free transport of operational blocks, no restrictions for rail, road, sea and air transportation (IATA, DGR, clause A67)
> Approval: UL (Underwriter Laboratories)



Nominal capacity 60.0 – 330 Ah C_{100} | Block battery | Grid plate | Recyclable | Valve regulated lead-acid batteries | Proof against deep discharge | Maintenance-free (no topping up) | 1200 cycles at 60 % DoD C_{10}

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Technical Data

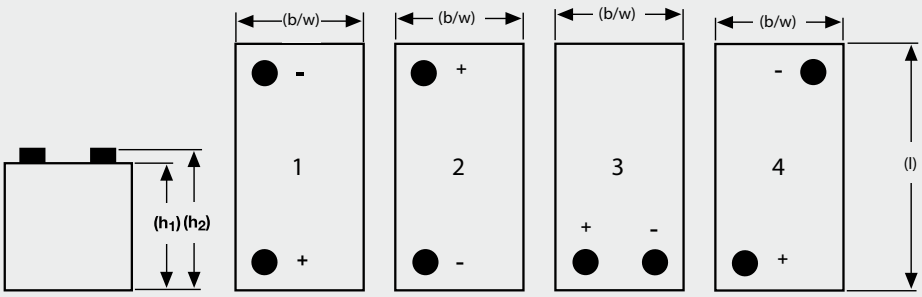
Technical characteristics and data

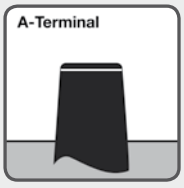
Type	Part number	Nom. voltage V	Nominal capacity C_{100} 1.80 Vpc 20 °C Ah	Discharge current I_{100} A	Length (l) max. mm	Width (b/w) max. mm	Height up to top of cover (h1) max. mm	Height including connectors (h2) max. mm	Weight approx. kg	Terminal	Terminal position
SB 6/200 A	NGSB060200HS0CA	6	200	2.00	246	192	254	275	29.0	A-Terminal	4
SB 6/330 A	NGSB060330HS0CA	6	330	3.30	312	182	337	359	47.0	A-Terminal	4
SB12/60 A	NGSB120060HS0CA	12	60.0	0.60	278	175	-	190	19.0	A-Terminal	1
SB12/75 A	NGSB120075HS0CA	12	75.0	0.75	330	171	214	236	26.5	A-Terminal	2
SB12/100 A	NGSB120100HS0CA	12	100	1.00	513	189	195	223	36.5	A-Terminal	3
SB12/130 A	NGSB120130HS0CA	12	130	1.30	513	223	195	223	45.5	A-Terminal	3
SB12/185 A	NGSB120185HS0CA	12	185	1.85	518	274	216	238	62.5	A-Terminal	3

Capacities C_1 - C_{100} (20 °C)

Type	C_1 1.70 Vpc	C_5 1.70 Vpc	C_{10} 1.70 Vpc	C_{20} 1.75 Vpc	C_{100} 1.80 Vpc
SB 6/200 A	104	153	162	180	200
SB 6/330 A	150	235	260	280	330
SB12/60 A	34.0	45.0	52.0	56.0	60.0
SB12/75 A	48.0	60.0	66.0	70.0	75.0
SB12/100 A	57.0	84.0	89.0	90.0	100
SB12/130 A	78.0	101	105	116	130
SB12/185 A	103	150	155	165	185

Drawings with terminal position, terminal and torque





8 Nm

Not to scale!