

Sonnenschein Solar Block

Technical data sheet

Technical features:

- Nominal capacity 60.0-330 Ah C_{100} (20 °C)
- Long shelf life up to 17 months at 20 °C without recharge due to the very low self discharge rate

Standards & certifications:

- 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 cells, no restrictions for rail, road, sea, and air transportation (IATA, DGR, clause A67)
- Approval: UL (Underwriters Laboratories, USA), DNV GL (Germanischer Lloyd)



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}

Technical characteristics and data

Type	Part number	Nom. voltage	Nominal capacity	Discharge current	Length	Width	Height	Height	Weight*	Terminal	Terminal position
		V	C_{100} 1.80 Vpc 20 °C	I_{100}	(l)	(w)	(h1)	(h2)	approx. kg		
			Ah	A	max. mm	max. mm	max. mm	max. mm			
SB 6/200 A	NGSB060200HS0CA	6	200	2.00	246	192	254	275	28.0	A-Terminal	4
SB 6/330 A	NGSB060330HS0CA	6	330	3.30	312	182	337	359	46.5	A-Terminal	4
SB12/60 A	NGSB120060HS0CA	12	60.0	0.60	278	175	-	190	18.0	A-Terminal	1
SB12/75 A	NGSB120075HS0CA	12	75.0	0.75	330	171	214	236	27.7	A-Terminal	2
SB12/100 A	NGSB120100HS0CA	12	100	1.00	513	189	195	219	36.0	A-Terminal	3
SB12/130 A	NGSB120130HS0CA	12	130	1.30	513	223	195	219	44.5	A-Terminal	3
SB12/185 A	NGSB120185HS0CA	12	185	1.85	518	274	216	238	60.5	A-Terminal	3

* Actual weight may differ by ±5%

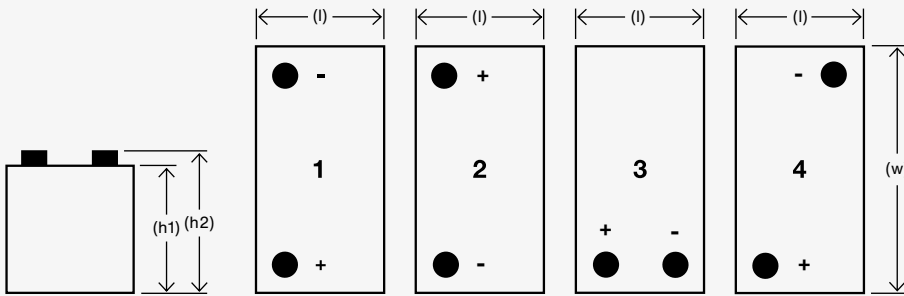
Capacities C_1 - C_{100} (20 °C) in Ah

Type	C_1	C_5	C_{10}	C_{20}	C_{100}
	1.70 Vpc	1.70 Vpc	1.70 Vpc	1.75 Vpc	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

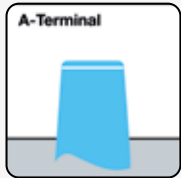
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Drawings, terminal and torque



Not to scale!



8 Nm