Sonnenschein

Industrial Batteries – Network Power
Sonnenschein Solar
Safe storage capacity for renewable energy.

Specifications

EXIDE TECHNOLOGIES
INDUSTRIAL ENERGY

Safe power supply for medium performance.

The Sonnenschein Solar Block battery range is very powerful and reliable in rough application conditions. As well as for use in private areas like holiday and weekend houses with more consumer terminals, this range is the ideal energy source for medium industrial solar systems, small solar and wind powerstations, offshore buoys, yachts and measuring stations as well as for other safety equipment power supplies.

- Valve regulated
- Grid plate
- Nominal capacity 60–330 Ah
- Block battery
- 1200 cycles acc. to IEC 896-2
- Maintenance-free (no topping up)
- Proof against deep discharge acc. to DIN 43 539 T5
- Recyclable

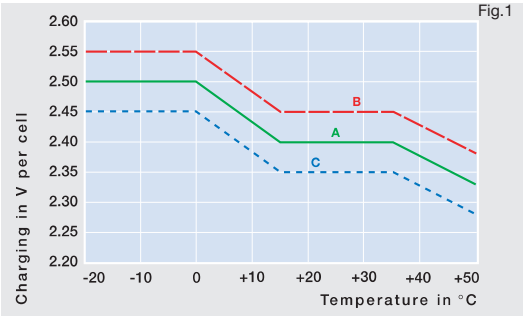
Solar Block series

Sonnenschein

Technical characteristics and data

Type	Part number	Nominal voltage V	Nominal capacity C_{100} 1.8 V/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 incl. connectors (h2) max. mm	Weight approx. kg	Terminal	Terminal position
SB12/60 A	NGSB120060HS0CA	12	60	0.60	278	175	–	190	20	A-Terminal	1
SB12/75 A	NGSB120075HS0CA	12	75	0.75	330	171	214	236	28	A-Terminal	2
SB12/100 A	NGSB120100HS0CA	12	100	1.00	513	189	195	223	39	A-Terminal	3
SB12/130 A	NGSB120130HS0CA	12	130	1.30	513	223	195	223	48	A-Terminal	3
SB12/185 A	NGSB120185HS0CA	12	185	1.85	518	274	216	238	65	A-Terminal	3
SB6/200 A	NGSB060200HS0CA	6	200	2.00	190	244	254	275	31	A-Terminal	4
SB6/330 A	NGSB060330HS0CA	6	330	3.30	312	182	337	359	48	A-Terminal	4

Fig.1



Charge mode (to Fig.1)**:**

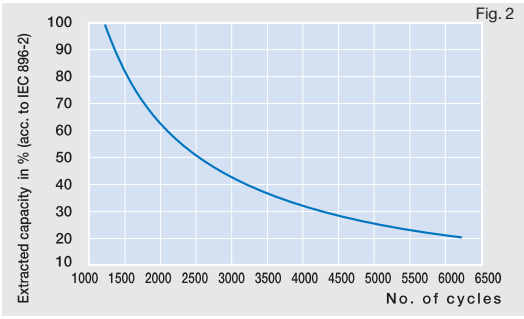
1.) with switch regulator (two-step controller)
- charge on curve **B** (max.charge voltage) for max.2 hrs/day then switch over to continous charge - curve **C**

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**

Capacities C_1 – C_{100} (20°C)					
Type	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

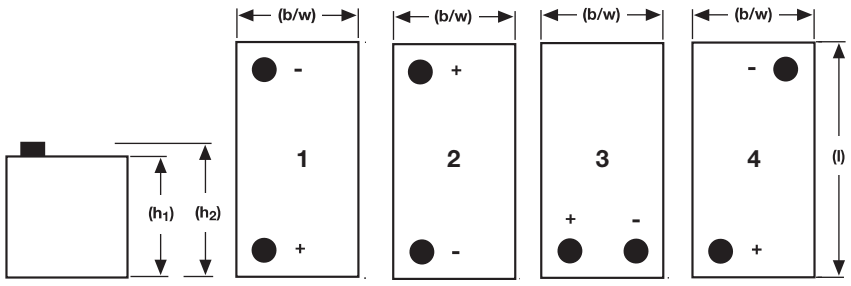
Fig. 2



(to Fig. 2)

Endurance in cycles according to IEC 896-2

Drawings with terminal position, terminal and torque



8 Nm

Not to scale!