

# STAND BY BULL

# Banner

## Cell SCV: Type SCV 2-50 → SCV 2-3850

Banner Stand-by Cell Bloc Vlies (web) batteries are encapsulated, valve controlled lead batteries containing electrolyte bound into a non-woven web. The individual cells are characterised by very high performance density and zero-maintenance design.

Other advantages include their long service life, versatility of application and a large capacity range of up to 3,850 Ah. These batteries are mainly employed in UPS systems, the telecommunications sector, switchgear and safety lighting areas.

### Features

- Individual cells, 2 V rated voltage
- Corrosion-resistant terminal design
- Zero-maintenance for entire service life
- Compensation charge voltage of 2.27 V/cell
- Recommended temperature range of 20°C (max. -10°C to +40°C)
- Long service life
- Employment independent of position
- Good voltage position in the high-voltage range
- 12-year design life in stand-by operation mode (Long Life according to EUROBAT)

### Design

- Positive electrode  
Lead/calcium, high-performance grid with pasted active mass
- Negative electrode  
Lead/calcium, high-performance grid with pasted active mass
- Separation  
Glass fibre non-woven web (S-wrap-ping system)
- Casing material  
ABS, bonded cover
- Electrolyte  
Extremely pure sulphuric acid bound into a web
- Terminal design  
Electrolyte-tight safety terminal sealed with epoxy resin
- Cell connections  
Flexible/rigid, fully insulated copper cable connector
- Cell plug  
Safety valve with an overpressure ventilation system for 2 psi (14 Kpa) gas pressure

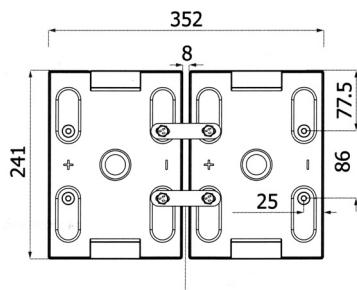


## Technical details

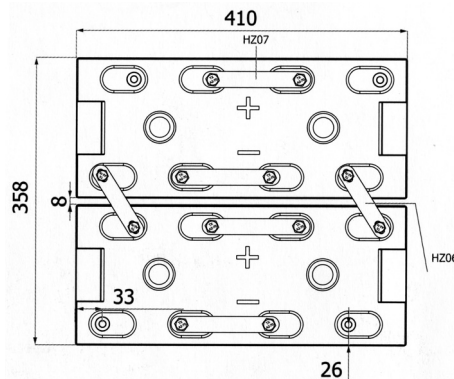
Type	Rated voltage in V	Capacity in Ah			Dimensions			Ri mOhm	Ik in A	Terminal No.	Charge voltage max. A	Type of connection	Total weight kg
		C 10 1.80 V/Z.	C 5 1.75 V/Z.	C 1 1.67 V/Z.	Length mm	Width mm	Height* mm						
SCV 2-50	2	50	44	33.7	161	50	166	2,1	509	2	10	Insert	3.8
SCV 2-100	2	100	89.5	68,6	171	72	205	2	1,080	2	20	Insert	5.6
SCV 2-150	2	150	134.5	98,3	172	102	205	1,5	1,550	2	30	Insert	10
SCV 2-200	2	200	180	132	173	111	329	0,5	1,600	2	40	Insert	14.2
SCV 2-250	2	250	225	164	173	111	329	0,45	2,000	2	50	Insert	17
SCV 2-300	2	300	269.5	197	171	151	330	0,4	2,400	2	60	Insert	19.7
SCV 2-375	2	375	337.5	246	171	151	330	0,39	3,000	2	75	Insert	23.5
SCV 2-400	2	400	359	263	211	176	329	0,36	3,200	4	80	Insert	27
SCV 2-450	2	450	403.5	295	223	187	351	0,33	3,600	4	90	Insert	32
SCV 2-500-1	2	500	449.5	329	211	176	329	0,3	4,000	4	100	Insert	32.3
SCV 2-500-2	2	500	449.6	329	241	172	331	0,3	4,000	4	100	Insert	32.3
SCV 2-575	2	575	510	375	223	187	351	0,29	4,600	4	115	Insert	36.5
SCV 2-600	2	600	540	394	301	175	331	0,28	4,800	4	120	Insert	38
SCV 2-625	2	625	560	411	241	172	331	0,25	5,000	4	125	Insert	39
SCV 2-750	2	750	675	526	301	175	331	0,22	6,000	4	130	Insert	51
SCV 2-800	2	800	720	526	410	175	330	0,2	6,400	8	160	Insert	52.5
SCV 2-1000-1	2	1,000	895	657	410	175	330	0,16	7,900	8	200	Insert	63
SCV 2-1000-2	2	1,000	895	657	475	175	328	0,16	7,900	8	200	Insert	63
SCV 2-1250	2	1,250	1,125	822	475	175	328	0,13	10,050	8	250	Insert	78
SCV 2-1500	2	1,500	1,345	984	401	351	342	0,11	11,950	8	300	Insert	103
SCV 2-1875	2	1,875	1,685	1,232	401	351	342	0,1	15,050	8	375	Insert	125
SCV 2-2000	2	2,000	1,800	1,315	491	351	344	0,09	16,100	8	400	Insert	132
SCV 2-2500	2	2,500	2,250	1,643	491	351	344	0,08	19,850	8	500	Insert	175
SCV 2-3000	2	3,000	2,695	1,972	712	353	341	0,08	24,100	8	600	Insert	211
SCV 2-3850	2	3,850	3,460	2,531	712	353	341	0,07	30,800	8	770	Insert	261

The given electrical values are valid for loads in a fully charged condition and an ambient temperature of 20°C.

### Double terminal design SCV 2-500-Z



### Quadruple terminal design SCV 2-800



Presented by:

**A:** Banner GmbH, A-4021 Linz, Banner Straße 1,  
Tel. 0732/3888-0, Fax 0732/3888-21598, e-mail: office@bannerbatterien.com

**GB:** Banner Batteries (GB) Ltd., Units 5-8 Canal View Business Park, Wheelhouse Road, Rugeley,  
Staffordshire WS15 1UY, Tel. +44/ (0)1889/ 57 11 00, Telefax +44/ (0)1889/ 57 73 42,  
e-mail: office.bgb@bannerbatteries.com