Sacred Sun SP series

Sealed lead-acid battery (VRLA)



SACRED SUN

Icon image

TYPICAL APPLICATIONS

- Emergency lighting
- Uninterruptable power supply – UPS
- Data centers
- Telecommunications
- Power supply systems
- Renewable Energy
- Universal energy storage

PRODUCT BENEFITS

- Long life according to Eurobat
- High energy efficiency
- High gas recombination
- Low self-discharge (<2 % / month)
- Easy handling and installation

PRODUCT FEATURES

- VRLA AGM-Technology. Maintenance-free (no water refilling)
- Range of Performance: 7 Ah - 200 Ah
- 12 V Block-batteries
- Operating Temperature: -15°C to +45°C
- 100% recyclable
- High tin low calcium alloy grids designed to resist corrosion
- Heat-sealed ABS housing and cover (FVO class is optional)
- Optimum operational safety due to integrated backfire protection

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Type	Voltage	Capacity C_{10}	Discharge at 25°C			Dimensions			Weight	Terminal	Internal Resistance (mΩ)	Short-circuit current (A)
			8 h	3 h	1 h	L	W	H				
SP12-7	12	6,4 Ah	0,79	1,91	4,34	151	65	100	2,12	S6.3	29	190
SP12-9	12	8,1 Ah	1,01	2,21	5,08	151	65	100	2,7	S6.3	14,5	230
SP12-12	12	10,9 Ah	1,36	2,87	7,16	151	98	100	3,57	S6.3	14	310
SP12-18	12	16,6 Ah	2,07	4,88	10,90	181	76	167	5,4	F-M6	14	460
SP12-26	12	24,1 Ah	3,01	6,95	15,96	166	175	125	8	F-M6	8,8	780
SP12-28	12	25,9 Ah	3,14	7,45	17,19	166	125	175	9,85	F-M6	9	840
SP12-33	12	30,3 Ah	3,79	8,17	18,92	195	130	163	10,5	F-M6	10,2	850
SP12-42	12	42 Ah	4,80	10,50	21,78	196	165	170	12,8	F-M6	8,5	1400
SP12-65	12	65 Ah	7,41	16,25	34,56	314	166	174	20	F-M6	6,3	1900
SP12-100	12	100 Ah	11,44	25,00	53,00	330	174	224	27,6	F-M8	4,9	2500
SP12-150	12	150 Ah	17,17	37,50	76,00	483	171	224	40,8	F-M8	3,3	3400
SP12-200	12	200 Ah	22,88	50,00	105,00	522	234	227	57,8	F-M8	3	4000

APPLICATION AND INSTALLATION

- Recommended float charge voltage: 2.27 V/cell at 25°C ambient temperature
- Storage Periode without recharging: 6 months (<25°C)
- Installation possible in a cabinet or rack
- Tortional Moment: 8 - 14 Nm (depending on type of battery)
- No dangerous goods for air, sea, rail or road transport

STANDARDS

- IEC 60896-21/22:2004
- JIS C8704-1/2
- Eurobat 2022

Technical changes reserved.. 11/2026

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