

Sacred Sun SPGN series

Sealed lead-acid battery (VRLA)

inbatt
INDUSTRIEBATTERIEN



Icon image

TYPICAL APPLICATIONS

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

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 (C10): 42 Ah - 250 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

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				
SPGN12-42	12	42 Ah	4,95	10,90	26,92	196	165	170	13,9	F-M6	7,5	1600
SPGN12-55	12	55 Ah	6,63	14,27	33,03	228	138	214	17,2	F-M6	6,4	1850
SPGN12-70	12	70 Ah	8,32	18,41	44,47	261	171	217	22,5	F-M6	5,8	2050
SPGN12-75	12	75 Ah	8,92	19,73	47,64	261	171	217	25,5	F-M6	4,45	2650
SPGN12-80	12	80 Ah	9,51	21,04	48,40	350	167	180	24,6	F-M6	5	2400
SPGN12-90	12	90 Ah	10,56	23,23	55,58	306	171	217	27,4	F-M6	4,9	2450
SPGN12-100	12	100 Ah	11,89	26,30	63,53	330	174	226	31,6	F-M8	3,8	3150
SPGN12-115	12	115 Ah	13,77	30,68	74,11	375	174	227	36,2	F-M8	3,7	3200
SPGN12-135	12	135 Ah	15,90	34,30	81,50	345	172	280	42,5	F-M8	3,6	3300
SPGN12-145	12	145 Ah	17,63	39,38	93,56	483	171	227	45,6	F-M8	2,75	4350
SPGN12-155	12	155 Ah	18,30	38,80	86,80	483	174	226	47	F-M8	2,2	4600
SPGN12-180	12	180 Ah	21,72	48,12	114,36	497	203	237	58	F-M8	2,47	4350
SPGN12-200	12	200 Ah	23,56	50,90	121,00	522	234	225	63,5	F-M8	2,45	4900
SPGN12-210	12	210 Ah	25,50	56,88	135,15	522	234	225	66,3	F-M8	2,1	5700
SPGN12-250	12	250 Ah	29,45	63,66	151,26	534	271	233	77,9	F-M8	1,95	6100

APPLICATION AND INSTALLATION

- ✓ Recommended float charge voltage: 2.27 V/cell at 25°C ambient temperature
- ✓ Storage Period without recharging: 6 months (<25°C)
- ✓ Installation possible in a cabinet or rack
- ✓ Torsional 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.. 12/2024