

# Sacred Sun HRL series

Sealed lead-acid battery (VRLA)



Icon image

## TYPICAL APPLICATIONS

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

## PRODUCT BENEFITS

- ✓ Very 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): 70 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 <sub>10</sub>	Discharge at 25°C			Dimensions			Weight	Terminal	Internal Resistance (mΩ)	Short-circuit current (A)
			8 h	3 h	1 h	L	W	H				
HRL12-300W	12	70 Ah	8,50	19,30	38,50	280	174	225	25,4	F-M6	3,4	2800
HRL12-320W	12	75 Ah	9,20	20,60	41,50	280	174	225	26,014	F-M6	3,3	2900
HRL12-360W	12	90 Ah	11,00	25,00	50,50	343	173	225	31	F-M8	2,6	3500
HRL12-380W	12	95 Ah	11,40	26,60	53,40	343	173	225	31,7	F-M8	2,5	3700
HRL12-410W	12	100 Ah	12,00	27,60	56,50	343	173	225	33,7	F-M8	2,1	4000
HRL12-440W	12	98 Ah	12,00	27,50	57,70	343	173	225	33	F-M8	2,3	4200
HRL12-475W	12	115 Ah	14,00	32,00	65,40	375	174	227	38,5	F-M8	2,6	3600
HRL12-500W	12	130 Ah	15,60	36,00	74,50	483	174	226	43,8	F-M8	2,6	3700
HRL12-520W	12	135 Ah	16,20	37,60	77,50	483	174	226	45,6	F-M8	2,3	4100
HRL12-550W	12	140 Ah	16,80	39,50	80,50	483	174	226	46,5	F-M8	2,2	4300
HRL12-570W	12	142 Ah	17,00	40,00	81,20	483	174	226	48,2	F-M8	2,1	4500
HRL12-660W	12	190 Ah	23,20	51,30	110,00	530	232	240	63,4	F-M8	2	5200
HRL12-700W	12	195 Ah	23,60	54,50	113,00	530	232	240	64,8	F-M8	2	5400
HRL12-770W	12	200 Ah	24,40	56,00	116,00	530	232	240	67,5	F-M8	1,8	5800
HRL12-820W	12	230 Ah	27,80	59,80	134,00	530	270	240	75,3	F-M8	1,8	6000
HRL12-880W	12	240 Ah	29,50	67,20	137,00	530	270	240	78,3	F-M8	1,7	6200
HRL12-910W	12	250 Ah	30,30	70,50	140,00	530	270	240	82	F-M8	1,6	6500

## APPLICATION AND INSTALLATION

- ✓ Recommended float charge voltage: 2.25 V/cell at 25°C ambient temperature
- ✓ Storage Period without recharging: 6 months (<25°C)
- ✓ Installation possible in a cabinet or rack
- ✓ Torsional Moment: 7 - 12 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