

## Phaesun Solar Power Batteries

The Phaesun Solar Power Batteries are a series of very durable, secure and reliable solar batteries. It is perfect for solar applications, campmobiles, boats, motor yachts and free time applications.



Technical Data				
Type	SP 55	SP 70	SP 90	SP 110
Nominal Voltage [V]	12	12	12	12
Rated Capacity (100H at 25°C) [Ah]	55	70	90	110
Discharge Current [A]	2,75	3,25	3,75	4,5
Cut Off Voltage [V]	10,5	10,5	10,5	10,5
Dry Weight [kg]	9,2	12	14,5	17,3
Filled Weight	13,1	16,6	20	24,6
Elektrolyte [25°C]	Diluted Sulphuric Acid			
Elektrolyte Specific Gravity [kg/l]	1,28 +/- 0,01	1,28 +/- 0,01	1,28 +/- 0,01	1,28 +/- 0,01
Elektrolyte Volume [L]	3,1	3,6	4,2	5,7
Container	PP Container type "L5" in white colour			
Cover	Black kamina-cover with handles			
Plugs	Screw plugs	Screw plugs	Screw plugs	Screw plugs
Base Hold Down	B3	B3	B3	B3
Dimensions (l·w·h) [mm]	210x175x190	246x175x190	278x175x190	353x175x190
Terminal Layout	1 - Positive pole on the right side			
Elektrodes	Thick plates with radial net geometry grids in Pb/Sb/Sn/As/Se alloy for better resistance against corrosion and better performance of paste.			
Terminal Type [Ø in mm]	19,50 / 17,90	19,50 / 17,90	19,50 / 17,90	19,50 / 17,90
Ventilation	Through side-gasing on the cover			
Application	Solar, Traction, Lighting			
Durability	approx. 400 cycles according DIN 43539 Part 3 600 cycles according DIN 40757			
Warranty	12 Months if the recommended acid is used			
Delivery	Dry charged	Dry charged	Dry charged	Dry charged
DIN-Type No.	95406	95502	95602	95803
Article No.	302.300	302.301	302.302	302.303



The Phaesun Solar Power Batteries include a degassing hose (length: 50cm) and an adapter to connect the hose to the battery.

Technical Data				
Type	SP 140	SP 200	SP 250	SP 280
Nominal Voltage [V]	12	12	12	6
Rated Capacity (100H at 25°C) [Ah]	140	200	250	280
Discharge Current [A]	6,5	9,0	11,5	12
Cut Off Voltage [V]	10,5	10,5	10,5	
Dry Weight [kg]	27	35	46,5	22,5
Filled Weight	37	48	66	31
Elektrolyte [25°C]	Diluted Sulphuric Acid			
Elektrolyte Specific Gravity [kg/l]	1,28 +/- 0,01	1,28 +/- 0,01	1,28 +/- 0,01	1,28 +/- 0,01
Elektrolyte Volume [L]	7,8	10	16	6,3
Container	PP Container type "L5" in white colour			
Cover	Black kamina-cover with handles			
Plugs	Screw plugs	Screw plugs	Screw plugs	Screw plugs
Base Hold Down				
Dimensions (l×w×h) [mm]	513x189x223	513x223x223	518x276x242	244x190x275
Terminal Layout	1 - Positive pole on the right side			
Elektrodes	Thick plates with radial net geometry grids in Pb/Sb/Sn/As/Se alloy for better resistance against corrosion and better performance of paste.			
Terminal Type [Ø in mm]	19,50 / 17,90	19,50 / 17,90	19,50 / 17,90	19,50 / 17,90
Ventilation	Through side-gasing on the cover			
Application	Solar, Traction, Lighting			
Durability	approx. 400 cycles according DIN 43539 Part 3 600 cycles according DIN 40757			
Warranty	12 Months if the recommended acid is used			
Delivery	Dry charged	Dry charged	Dry charged	Dry charged
DIN-Type No.	96151	96351	96801	91801
Article No.	302.305	302.306	302.307	302.308

Technical alterations can be made without prior notice. Illustrations and descriptions do not claim to be complete.  
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