



Solar Battery Sub System

XGS322 24V/150Ah IP68 gel battery subsys

A range of 65 Ah to 250 Ah 12/24V, valve regulated lead acid (VRLA) battery with gel electrolyte technology to get long service lifetime and high performance in deep discharging. It can be used in wide range of ambient temperature and keep good performance of constant power input

Product data

General Information	
Remarks	Note: Set of two batteries in series
CE mark	CE mark
Warranty period	3 years
Operating and Electrical	
Input Voltage	24 DC V
Battery type	Gel
Battery ampere hour	150 Ah
Battery voltage	24 V
Battery charging & discharging cycles	800
Cable connection kit	Included
Cable	Cable 2.8 m 4.0 sqmm with KB1 connectors
Temperature	
Ambient temperature range	-20 to +55 °C
Mechanical and Housing	
Overall length	480 mm
Overall width	340 mm

Overall height	300 mm
Dimensions (Height x Width x Depth)	300 x 340 x 480 mm

Approval and Application

Ingress protection code	IP68 [Dust penetration-protected, pressure watertight]
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Application Conditions


Ambient temperature range for charging	-20 °C to +55 °C
Ambient temperature range for discharging (when light is on)	-20 °C to +55 °C

Product Data

Order product name	XGS322 24V/150Ah IP68 gel battery subsys
Full product name	XGS322 24V/150Ah IP68 gel battery subsys
Full product code	911401899201
Order code	911401899201
Material Nr. (12NC)	911401899201
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

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Dimensional drawing



Technical drawings showing various views of the solar battery sub-system components, including front, side, and perspective views.

Model	Dimensions (mm)	Weight (kg)	Material	Notes
SB-1000	1000x500x150	15.0	Aluminum	Standard model
SB-1500	1500x500x150	22.5	Aluminum	Standard model
SB-2000	2000x500x150	30.0	Aluminum	Standard model
SB-2500	2500x500x150	37.5	Aluminum	Standard model
SB-3000	3000x500x150	45.0	Aluminum	Standard model
SB-3500	3500x500x150	52.5	Aluminum	Standard model
SB-4000	4000x500x150	60.0	Aluminum	Standard model
SB-4500	4500x500x150	67.5	Aluminum	Standard model
SB-5000	5000x500x150	75.0	Aluminum	Standard model
SB-5500	5500x500x150	82.5	Aluminum	Standard model
SB-6000	6000x500x150	90.0	Aluminum	Standard model
SB-6500	6500x500x150	97.5	Aluminum	Standard model
SB-7000	7000x500x150	105.0	Aluminum	Standard model
SB-7500	7500x500x150	112.5	Aluminum	Standard model
SB-8000	8000x500x150	120.0	Aluminum	Standard model
SB-8500	8500x500x150	127.5	Aluminum	Standard model
SB-9000	9000x500x150	135.0	Aluminum	Standard model
SB-9500	9500x500x150	142.5	Aluminum	Standard model
SB-10000	10000x500x150	150.0	Aluminum	Standard model
SB-10500	10500x500x150	157.5	Aluminum	Standard model
SB-11000	11000x500x150	165.0	Aluminum	Standard model
SB-11500	11500x500x150	172.5	Aluminum	Standard model
SB-12000	12000x500x150	180.0	Aluminum	Standard model
SB-12500	12500x500x150	187.5	Aluminum	Standard model
SB-13000	13000x500x150	195.0	Aluminum	Standard model
SB-13500	13500x500x150	202.5	Aluminum	Standard model
SB-14000	14000x500x150	210.0	Aluminum	Standard model
SB-14500	14500x500x150	217.5	Aluminum	Standard model
SB-15000	15000x500x150	225.0	Aluminum	Standard model
SB-15500	15500x500x150	232.5	Aluminum	Standard model
SB-16000	16000x500x150	240.0	Aluminum	Standard model
SB-16500	16500x500x150	247.5	Aluminum	Standard model
SB-17000	17000x500x150	255.0	Aluminum	Standard model
SB-17500	17500x500x150	262.5	Aluminum	Standard model
SB-18000	18000x500x150	270.0	Aluminum	Standard model
SB-18500	18500x500x150	277.5	Aluminum	Standard model
SB-19000	19000x500x150	285.0	Aluminum	Standard model
SB-19500	19500x500x150	292.5	Aluminum	Standard model
SB-20000	20000x500x150	300.0	Aluminum	Standard model
SB-20500	20500x500x150	307.5	Aluminum	Standard model
SB-21000	21000x500x150	315.0	Aluminum	Standard model
SB-21500	21500x500x150	322.5	Aluminum	Standard model
SB-22000	22000x500x150	330.0	Aluminum	Standard model
SB-22500	22500x500x150	337.5	Aluminum	Standard model
SB-23000	23000x500x150	345.0	Aluminum	Standard model
SB-23500	23500x500x150	352.5	Aluminum	Standard model
SB-24000	24000x500x150	360.0	Aluminum	Standard model
SB-24500	24500x500x150	367.5	Aluminum	Standard model
SB-25000	25000x500x150	375.0	Aluminum	Standard model
SB-25500	25500x500x150	382.5	Aluminum	Standard model
SB-26000	26000x500x150	390.0	Aluminum	Standard model
SB-26500	26500x500x150	397.5	Aluminum	Standard model
SB-27000	27000x500x150	405.0	Aluminum	Standard model
SB-27500	27500x500x150	412.5	Aluminum	Standard model
SB-28000	28000x500x150	420.0	Aluminum	Standard model
SB-28500	28500x500x150	427.5	Aluminum	Standard model
SB-29000	29000x500x150	435.0	Aluminum	Standard model
SB-29500	29500x500x150	442.5	Aluminum	Standard model
SB-30000	30000x500x150	450.0	Aluminum	Standard model
SB-30500	30500x500x150	457.5	Aluminum	Standard model
SB-31000	31000x500x150	465.0	Aluminum	Standard model
SB-31500	31500x500x150	472.5	Aluminum	Standard model
SB-32000	32000x500x150	480.0	Aluminum	Standard model
SB-32500	32500x500x150	487.5	Aluminum	Standard model
SB-33000	33000x500x150	495.0	Aluminum	Standard model
SB-33500	33500x500x150	502.5	Aluminum	Standard model
SB-34000	34000x500x150	510.0	Aluminum	Standard model
SB-34500	34500x500x150	517.5	Aluminum	Standard model
SB-35000	35000x500x150	525.0	Aluminum	Standard model
SB-35500	35500x500x150	532.5	Aluminum	Standard model
SB-36000	36000x500x150	540.0	Aluminum	Standard model
SB-36500	36500x500x150	547.5	Aluminum	Standard model
SB-37000	37000x500x150	555.0	Aluminum	Standard model
SB-37500	37500x500x150	562.5	Aluminum	Standard model
SB-38000	38000x500x150	570.0	Aluminum	Standard model
SB-38500	38500x500x150	577.5	Aluminum	Standard model
SB-39000	39000x500x150	585.0	Aluminum	Standard model
SB-39500	39500x500x150	592.5	Aluminum	Standard model
SB-40000	40000x500x150	600.0	Aluminum	Standard model
SB-40500	40500x500x150	607.5	Aluminum	Standard model
SB-41000	41000x500x150	615.0	Aluminum	Standard model
SB-41500	41500x500x150	622.5	Aluminum	Standard model
SB-42000	42000x500x150	630.0	Aluminum	Standard model
SB-42500	42500x500x150	637.5	Aluminum	Standard model
SB-43000	43000x500x150	645.0	Aluminum	Standard model
SB-43500	43500x500x150	652.5	Aluminum	Standard model
SB-44000	44000x500x150	660.0	Aluminum	Standard model
SB-44500	44500x500x150	667.5	Aluminum	Standard model
SB-45000	45000x500x150	675.0	Aluminum	Standard model
SB-45500	45500x500x150	682.5	Aluminum	Standard model
SB-46000	46000x500x150	690.0	Aluminum	Standard model
SB-46500	46500x500x150	697.5	Aluminum	Standard model
SB-47000	47000x500x150	705.0	Aluminum	Standard model
SB-47500	47500x500x150	712.5	Aluminum	Standard model
SB-48000	48000x500x150	720.0	Aluminum	Standard model
SB-48500	48500x500x150	727.5	Aluminum	Standard model
SB-49000	49000x500x150	735.0	Aluminum	Standard model
SB-49500	49500x500x150	742.5	Aluminum	Standard model
SB-50000	50000x500x150	750.0	Aluminum	Standard model

