

# Solar Batteries Data Sheet

## Charging Characteristics

Mode of Operation	Voltage Setting Per Block Battery		Current Setting
	12V BLOCK	6V BLOCK	Max 20% of Ah
<b>FLOAT VOLTAGE</b>	14.0-14.2	7.0-7.1	
<b>BOOST VOLTAGE</b>	15.0-17.0	7.5-8.5	Min 10% of Ah
<b>CUTOFF VOLTAGE</b>	10.5-11.4	5.25-5.7	

## Technical Data

Type of Battery	Nominal Voltage (V)	Cut off Voltage (V)	Capacities At 27 Degree Centigrade With Discharge Rate Of						Dimensions In mm		
			10hr	8hr	5hr	3hr	2hr	1hr	L	W	H
<b>GNSP60</b>	12	10.5	61	60	59.4	57.3	54	41	485	195	295
<b>GNSP100</b>	12	10.5	101	100	99	95	90	68	485	195	295
<b>GNSP120</b>	6	5.25	122	120	118.8	114	108	82	430	195	405
<b>GNSP150</b>	6	5.25	152	150	148.5	142.5	135	102	430	195	405
<b>GNSP200</b>	6	5.25	203	200	198	190	180	136	430	195	405
<b>GNSP250</b>	6	5.25	253	250	247.5	237.5	225	170	430	195	405
<b>GNSP300</b>	6	5.25	304	300	297	285	270	204	430	195	405

## Discharge Data

Discharge Rate		GNSP60	GNSP100	GNSP120	GNSP150	GNSP200	GNSP250	GNSP300
		<b>CUT OFF VOLTAGE(V)</b>	<b>10.5</b>	<b>10.5</b>	<b>10.5</b>	<b>5.25</b>	<b>5.25</b>	<b>5.25</b>
	<b>Current In DC Amps</b>							
<b>10hr</b>		6.1	10.1	12.2	15.2	20.3	20.4	30.4
<b>8hr</b>		7.5	12.5	15.0	18.8	25	31.3	37.5
<b>5hr</b>		11.9	19.8	23.76	29.7	39.6	49.5	59.4
<b>3hr</b>		19.1	31.7	38	42.5	63.3	79.2	95
<b>2hr</b>		27	45	54	67.5	90	112.5	135
<b>1hr</b>		41	68	82	102	136	170	204