





<b>BATTERY CODE:</b>	EV6105	
<b>BATTERY TYPE:</b>	<b>DEEP CYCLE, FLOODED LEAD ANTIMONY - ACID</b>	
<b>VOLTAGE</b>	6	
<b>PRODUCT APPLICATION</b>	This product is specifically design for use in; <ul style="list-style-type: none"> <li>• Solar standby lighting</li> <li>• Electric fence</li> <li>• Inverters</li> <li>• Trolling motor</li> <li>• Boat lighting</li> </ul>	

### PRODUCT SPECIFICATIONS

Type	Voltage	Capacity ( <sup>a</sup> C <sub>n</sub> ) Amp-Hour(Ah)			Capacity @ 75A (Min)	Dimensions (mm)			Positive Terminal type	Negative Terminal type	Wet Weight (Kg)	Hold Down
		5 - Hour Rate	10 - Hour Rate	20 - Hour Rate		L	W	H				
EV6105	6	170	192	210	105	260	180	280			28.7	<small>80 No bottom hold-downs</small> 

<sup>a</sup>C<sub>n</sub>:- The amount of amp-hour (Ah) a battery can supply when discharged at a constant current for 5-hour, 10- Hour and 20-hour periods respectively, while maintaining a voltage of at least 10.5V at 25 +/- 2°C.

### CHARGING INSTRUCTIONS

System Voltage	6	12	18	24
Normal/Max. Absorption (V)	7.4	14.8	22.2	29.6
Float Voltage (V)	6.6	13.2	19.8	26.4
* <sup>d</sup> Equalize charge (V)	7.9	15.8	23.7	31.6

### TERMINAL CONFIGURATIONS

Stud Terminal
Terminal Height (mm) <b>42.2mm</b>
Negative diameter: Bolt Size : (7.85mm) Torque Values (in-lbs) : <b>100 - 120</b>
Positive diameter: Bolt Size: (7.85mm) Torque Values (in-lbs) : <b>100 - 120</b>

\*<sup>d</sup> Equalizing charge is controlled overcharged, 2-4 hours, done after battery has been fully charged using the normal charge rate.

### OPERATIONAL DATA

Operating Temperature	Self-Discharge
-20°C to 45°C	About 5% per month depending on storage temperature conditions

### MAINTENANCE

Regularly check electrolyte level and if necessary top up with battery water to 20mm above the separators, otherwise battery life will be severely shortened. Never add acid. Can be discharged to 80 % depth of discharge.

# DIXON BATTERIES

6 NUFLIED ROAD, DUNCANVILLE,  
P. O. Box 81, VEREENIGING, 1930

Tel: +27 (0) 16 455 1800; email: [sales@dixonbatteries.co.za](mailto:sales@dixonbatteries.co.za), web: [www.dixonbatteries.co.za](http://www.dixonbatteries.co.za)

# BATTERY DIMENSIONS

