



**PANACEA ALLOYS PVT LTD**  
**TECHNICAL DATA SHEET**

**MODEL :** GN – 15  
**VOLTAGE :** 12 Volts  
**CAPACITY :** 115 AH  
**BATTERY:** Semi Traction - Lead Acid Battery  
**DIMENSIONS:** All are in 'mm'  
**MATERIAL:** Polypropylene  
**COLOR:** Black OR Blue

**MATERIAL SPECIFICATION**

Cover vent style	Vent plugs with Arrestor
Container & cover material	Black/Red Polypropylene plastic
Case to cover seal method	Heat sealing
Inner cell connector type	Through partial welding
Plate lug weld method	Automated cast on process
Positive Grid material	Antimony Lead Alloy
Negative Grid Material	Antimony Lead Alloy
Separator type	Microporous Sleeve type PE

**PRODUCT & PHYSICAL SPECIFICATIONS**

Voltage	Cells	Dimensions ( ±5 mm )			Weight (Kg)
		Length	Width	Height	
<b>12</b>	<b>6</b>	<b>345</b>	<b>173</b>	<b>295</b>	<b>37.9</b>

**ELECTRICAL SPECIFICATIONS**

Capacity in Amp-Hours (Ah)			
	5-Hr	10-Hr	20-Hr
	<b>115</b>	<b>130</b>	<b>150</b>

**CHARGING INSTRUCTION**

	12V	24V	36V	48V	72V
<b>System Voltage:</b>	12V	24V	36V	48V	72V
<b>Bulk Charge:</b>	15.6	31.2	46.8	62.4	93.6
<b>Float Charge:</b>	13.2	26.4	39.6	52.8	79.2
<b>Equalize Charge:</b>	14.1	28.2	42.3	56.4	84.6

**OPERATING TEMPERATURE**

Minimum Temperature	-20°C
Maximum Temperature	+45°C

**SELF DISCHARGE RATE**

2-12% per month depending on storage temperature conditions.

- Do not charge the batteries in sealed or non-ventilated compartment.
- Do not overcharge the batteries it will damage the battery & shorten its life.