



PANACEA ALLOYS PVT LTD
TECHNICAL DATA SHEET

MODEL : GN – 13
VOLTAGE : 12 Volts
CAPACITY : 100 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	
12	6	345	173	295	37.9

ELECTRICAL SPECIFICATIONS

	Capacity in Amp-Hours (Ah)		
	5-Hr	10-Hr	20-Hr
	100	113	125

CHARGING INSTRUCTION

System Voltage:	12V	24V	36V	48V	72V
Bulk Charge:	15.6	31.2	46.8	62.4	93.6
Float Charge:	13.2	26.4	39.6	52.8	79.2
Equalize Charge:	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.