


81. (A) PORTABLE GENERATOR 2.5 KVA

SPECIFICATIONS

Qualitative Requirement	Picture of Equipment
a) Rated out put - 2100-2300 watt b) Maximum Out put 2400-2600 watt c) Fuel: Kerosene/ Petrol d) Rated Current: 10.5 amp e) Over load protector: for AC & DC Earthing f) Other Provision: Provision for battery charging, pull cord manual start facility g) Rated Voltage: 220 volts H) Rated Frequency: 50 Hertz I) DC out put: Only for charging 12 volts automotive batteries, Maximum charging out 8.3 amp j) Dimension: (LXWXH) 605 mmx425 mmx550 (+20% margins) Dry Weight: 60 to 65 Kgs Engine Type: 4 stroke, 1 cylindre	
k) Cooling System: Forced air cooling l) Ignition System: Transistorized coil ignition m) Oil Capacity: 1 to 1.5 Litres n) Fuel tank Capacity: 12 to 15 litres	

(B) PORTABLE GENERATOR 5 KVA

SN	NOMENCLATURE	PARAMETER
1	Rating	5KVA
2	Phase	Single
3	Frequency	50 Hz (± 2)
4	Voltage (AC)	230 V (± 5 %)
5	Voltage (DC)	12 V for Battery charging
6	Engine	4 Stroke, Single cylinder Engine Power : 5.3 kw at 3000 RPM.
7	Displacement	400-450 cc
8	Starting System	Electric (12V) / Recoil
9	Dimension (L x W x H)	Maximum 1160 x 660 x 750 mm (+ 10%)
10	Cooling	Air Cooled
11	Weight	230 Kg Maximum
12	Fuel	Diesel
13	Fuel Tank Capacity	15 Ltrs
14	Wheels and Handles	Yes
15	Low Oil pressure Alert	Yes
16	PF	0.8pf
17	Control Panel	Volt, Hour, Ampere, DC Charging
18	Safeties	Low Lube Oil Protection, Overheat Cutout, Overload
19	Engine Should be certified by ARAI	
20	Generator should comply with latest CPCB Norms	