

**Technical Specification of Portable diesel driven Welding cum
Generator set 3 KVA, mounted on 4 wheel trolley.**


SPECIFICATIONS FOR WELDING CUM GENERATOR SET

1	AC Output	Min AC output 3000VA
2	Alternator	Brushless with rear earth magnet rotor.
3	Welding Voltage	25-40 Volts, DC Maximum Welding Current (A) - 180 Amps or above. Welding Current Adjustment Range(A) - 50-180Amps or above.
4	Electrode Dia (MM)	2.6mm to 5mm.
5	Rectifying Mode	SCR-Phase control 3Phase rectifying Bridge.
6	Starting Mode	Recoil and self start.
7	Engine	Air cooled, 4Stroke, 10 HP or above
8	Fuel Consumption	0.60-1.20Liter/Hour at 60% Duty cycle.
9	Fuel tank Capacity	5-15 Liters.
11	Net Weight	70-120KG without trolley

SPECIFICATIONS FOR FOUR WHEEL TROLLEY

12	Wheel	300MM to 450mm dia non -pneumatic solid synthetic wheel, suitable to use on rough surface.
13	Mounting of welding cum diesel generator	To be mounted on trolley fabricated by steel
14	Size of trolley.	Suitable to accommodate diesel driven Welding cum Generator set
15	Type of trolley	Pulling and pushing - both type.
16	Self Weight of trolley	Maximum 40Kg.


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Annexure-II

To be submitted by the firm along with offer-

Tender specification as per Annexure-I	Specification quoted by the firm	Deviation if any with clarification

Signature of firm's