

SPECIFICATION FOR PORTABLE WELDING GENERATOR SET

Major Parameter In these parameter no deviation from tendered specification will be accepted

WELDING CURRENT

a.	100% Duty Cycle (Automatic Welding)	310 Amp.
b.	60% Duty Cycle (Max. Continuous Hand Welding)	400 Amp.
c.	40% Duty Cycle (Max. Hand Welding)	450 Amp.

2.	Standard Supply Voltage	400/440 V
3.	Phase	3 Phase
4.	Frequency	50Hz
5.	Motor starter protective devices	Over load relay with over voltage, under voltage and single phase protection provided.
6.	No. & type of wheels for trolley	4 rubber wheels, the front two swiveling.

(ii) Minor Parameter In these parameter deviation can be accepted if they does not alter the end use/quantity in a significant manner, to be certified by user department.

1.	Synchronous speed	1500/3000 RPM
2.	Starting	Star/Delta
3.	Welding Current Range	70-450 Amp.
(iii) Concomitant accessories	To be supplied free of cost with machine for normal working of machine.	
1.	Hand gloves, Goggles, welding screen, tools & welding holder.	One set

(iv) Optional accessories	NIL
(v) Spares	Two sets of maintenance spares.
(vi) AMC requirement	Not required
(vii) Warranty requirement	As per IRS Conditions.
(viii) Special requirement	NIL

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