

# SUPERGEN 320

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### APPLICATIONS

- Suitable for welding with Cellulosic electrodes, particularly for cross country petroleum and gas pipelines as well as building Thermal and Nuclear power plants, heavy duty critical structural welding at prestigious project sites
- Ideally suitable for project sites where welding with longer cable lengths is involved, like welding within the tunnel in mountain areas or laying underground water pipelines within the metro cities
- Most recommended for all project sites/open yards, where atmosphere is very dusty, dirty and heavily contaminated with conducting particles

### SALIENT FEATURES

- Brushless Technology with no windings, brushes, rotating diodes on the rotor assembly, makes it maintenance free generator and eliminates frequent maintenance and down time - Ideally suitable for all project site welding applications
- Totally enclosed generator body with IP44 construction prevents the entry of dust and dirt inside the windings - makes it the ideal choice for all site conditions
- Light weight, compact generator with easy mobility, compared with old generation DC generator set. Weight of 265 kgs as compared with 330 kgs of old generation, conventional DC generator sets
- Close loop feedback control to deliver constant welding current even with longer cable lengths (100mtr)
- 'H' Class insulation -provides longer service life
- Low power consumption -Energy Efficient motor generator set superior to old generation DC type generator set - reduces energy bills by 30%. Saves upto Rs 46000/- in a year, over energy bill of old generation DC generator sets. These sets have even better POWER FACTOR than conventional thyristorised welding rectifiers
- Higher Open Circuit Voltage (100) guarantees excellent welding performance even with longer cable lengths up to 100 mtrs



### BRIEF SPECIFICATIONS:

MODELS	UNIT	SUPERGEN 320
Supply voltage	Volt	415
Phase	No	3
Power	Kw/HF	15.5/20.78
Open circuit voltage	Volt	100
Welding current range	Amp	35-320
Welding current @ 60% Duty cycle	Amp	320
Welding current @ 100% Duty cycle	Amp	250
Type of cooling	Type	Forced Air
Class of insulation	Class	H
Dimensions (LxWxH)	mm	1065x540x840
Weight (approx.)	Kg	265



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**ADOR WELDING LIMITED**

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