



SUPERGEN 320

320 Amp capacity Motor Generator Welding Rectifier



Key Attributes

- The set includes a three-phase motor as the prime mover and a specially patented design DC welding generator.
- Provides excellent high-quality welding while significantly reducing power bills.
- Offers positive protection against overload and single phasing.
- Mobile and mounted on wheels with rubber tires for easy manoeuvrability.
- Ideal for welding with cellulosic electrodes in cross-country pipelines and thermal/nuclear power plants.



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TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS	VALUES	UNIT
INPUT SUPPLY VOLTAGE, PHASE, FREQUENCY	415± +10%, 3, 50	V AC, NO., HZ
INPUT POWER	15.5 / 20.78	KW / KVA
SPEED (SYNCHRONOUS)	3,000	RPM
STARTING	STAR / DELTA	TYPE
RECOMMENDED SWITCH FUSE RATING	TP 40	AMPS, AC
PROTECTION TO MACHINE	SINGLE PHASING, UV (340 V) / OV (480 V), THERMAL	-
OPEN CIRCUIT VOLTAGE	100	V DC
WELDING CURRENT RANGE	35 - 320	A DC
WELDING CURRENT DUTY CYCLE	320 @ 60%, 250 @ 100%	A DC
WELDING ELECTRODE SIZE	2.5, 3.15, 4.0, 5.0 AND 6.3	MM
ENCLOSURE	TOTALLY ENCLOSED	TYPE
INGRESS PROTECTION	IP44 (EXCLUDING FAN SIDE)	CLASS
COOLING	FORCED AIR	TYPE
INSULATION	H	CLASS
DIMENSIONS (L X W X H)	1065 X 540 X 840	MM
WEIGHT	265	KG