

# SMARTGEN 200

NEW GENERATION PETROL ENGINE DRIVEN WELDING GENERATOR SET



## Key Attributes

- Lightweight, compact in size, easy-to-transport; petrol engine-driven welding mobile set.
- Specially proven with Cellulosic and other special types of electrodes.
- A wide range of auxiliary power sources is available (3 Phase & 1 Phase).
- Versatile applications, including cross-country & implant pipe and tube welding. Ideal for site fabrication, repair, and maintenance.
- Brushless design for welding power generator – negligible maintenance.
- Chopper-based; PWM-controlled constant current characteristics provided for excellent welding.

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## TECHNICAL SPECIFICATIONS

PARAMETERS	VALUE	UNIT
WELDING GENERATOR	BRUSHLESS TYPE, HIGH FREQUENCY GENERATOR, SPECIALLY DESIGNED FOR WELDING APPLICATIONS, CONSTANT CURRENT (CC) CHARACTERISTIC CONSTRUCTION FOR MAINTENANCE FREE AND RELIABLE OPERATION	TYPE
WELDING CURRENT RANGE	50 - 200 A	AMPS (DC)
MAX. HAND WELDING CURRENT AT 60% D.C.	200 A @ 28 V	AMPS (DC)
MAX. HAND WELDING CURRENT AT 100% D.C	155 A @ 26 V	AMPS (DC)
OPEN CIRCUIT VOLTAGE (MAX. / MIN.)	92 ±5 V	VOLTS (DC)
GENERALLY CONFORMS TO	2635	IS
INSULATION	H	CLASS
DIAMETER OF COATED ELECTRODES	2.5, 3.15, 4,	MM
<b>AUXILIARY POWER</b>		
RATING 3 PHASE / SINGLE PHASE	5 / 3	KVA
VOLTAGES (3 PHASE / 1 PHASE)	415 / 240	VOLTS
MCB RATING	16 AMPS	AMPS
ENGINE MAKE, MODEL	HONDA, GX 390 / KOHLER, CH 440 / BRIGGS & STRATON, 25T237	
CYLINDER	1	NOS
ENGINE COOLING	AIR COOLED	TYPE
ENGINE RATING	11.7 – HONDA / 14 – KOHLER / 13 – BRIGGS & STRATON	BHP
SPEED	3600	RPM
STARTING	ELECTRIC / MANUAL	TYPE
FUEL TANK CAPACITY	15	LTRS
<b>DIMENSIONS, WEIGHT AND MOUNTING DETAILS</b>		
L X W X H (APPROX.)	800 X 550 X 700	MM
WEIGHT (APPROX - NET)	145	KGS