

EDW 402-II

Thyristorised Engine Driven Welding Generator



EDW 402-II

Compact Thyristorised EDW

EDW 402-II is a CPCB-II compliant heavy duty silenced welding generator for on site usage. The thyristorised rectifier block enables improved current regulation for stable output including very good performance with cellulosic electrodes. Multiple safety features ensures prolonged life with ease of maintenance features like indicators for oil pressure, fuel / lube oil level, engine speed, hour meter etc

- Compact design for improved mobility
- Fine controls –Normal, Cellulosic 2.5 / 3.15 modes
- Variable Arc force Control
- In-built hot start for improved arc initiation
- Protection from thermal overloading (welding) & over-current (auxiliary power)

Application Areas

- Construction & Erection projects.
- Cross Country Pipelines
- Mines
- Defences



Specifications / Technical data**EDW 402– II****Engine**

Make , Model	Simpson, SJ327 TAA (G)
Engine Rating (Hp) at speed (rpm)	38 at 1500
No. Of Cylinders	3
Aspirations	Turbo Charged
Cooling	Water (Coolant)
Starting	12V Electric
Battery, Ah	80
Fuel Tank Capacity, Litres	Diesel , 64
Fuel Consumption at Rated Current, Ltr / hr	4.2

Welding Output

Open Circuit Voltage, V	94
Output Current Range, A	40 - 400
Maximum Output/ % duty Cycle, A / %	400 / 60%
Maximum Output/ % duty Cycle, A / %	310 / 100%
Electrode Diameter, mm	2.5 – 6.3
Insulation Class	H

Auxillary Power

3 Phase supply (100% Duty Cycle): KVA x No of Outlets, V x Ph, Hz	7 x 1, 400 x 3 ,50
1 Phase supply (100% Duty Cycle): KVA x No of Outlets, V x Ph, Hz	2.5 x 1, 220 x 1, 50

Size

Dimensions, lxbxh (without trailer), mm	2300 X 950 X 1200
Weight, Kg	1100
Under-Carriage with towbar	2 wheels + Leaf-Springs

Noise Level

75dB at 1m (CPCB-II)

Ordering Information

Description	Part number	Description	Part number
EDW 402-II	4610 202 405	Holder Confort 600	200 200 1002
HFR Weld Cable Cu 50sq mm	4600 600 182	Eco Arc II Helmet (83x108mm)	0700 000 986
Weld Cable Al 95sq mm HOFR	4600 600 175	Welding Hand Gloves	2001 005 001

Note : EDW 402-II is delivered with 3m Remote control unit.

**ESAB / esabindia.com**

Regd & H. O. : ESAB INDIA LIMITED
13, Industrial Estate, III Main Road
Ambattur, Chennai – 600058
Email: info@esab.co.in

