

Detailed Technical Specification Portable DC Welding Generator with Standard Accessories.

Detail Product Description: Portable DC Welding Generator with Standard Accessories & AMC (As per Technical Specification /details attached).

Technical Specifications: -

DC WELDING	
Welding Output Current	200 Amps
Working Voltage	20 V - 30V
Open Circuit Voltage (OCV)	65 V
Current Regulation	60-200 Amps
Rectifying Mode	SCR, Phase Controlled 3-Phase, Rectifying Bridge
Maximum Electrode diameter	2.6 mm to 4.0 mm
AC GENERATOR	
Type	Brush less with Rear Earth Magnet Rotor.
Rated AC Output	2500 VA
Rated Output Current	11 Amps
AC Voltage at No Load	240 Volts \pm 10 Volts, Single Phase
AC Voltage at Rated load	220 Volts \pm 10 V, Single Phase
Frequency (Adjustable)	50 TO 60 Hz
NFB Amps	12 Amps
Class of Insulation	F
Type Test Alternator	IS-2635: 1997 IR Test, No Load Test / Load Test, Temperature Rise Test, Commutation Test, Short Circuit Test.
Engine	
Model	HM192PY
Type	OHV25 ⁰ inclined, Single Cylinder, 4 strokes, S.I, Forced Air cooling
Type Test (Engine Emission Type Test) As per GSR535 / Environment Compliance for Emission	CPCB - II
Maximum Power	16.0 hp @ 3600 rpm
Bore x Stroke	92 X 67 mm
Displacement	445 cc
Starting system	Recoil Start / SelfStart
Ignition system	TCI (Transistor Control Ignition)
Fuel	Standard Petrol
Fuel Tank Capacity	15.5 Liters
Continuous Operating Hour	Approx. 8 hr.
Lube. Oil Capacity	1200 ml
Lubricating Oil Consumption	4.3 gm/Hr.
PANEL & OTHER STANDARD FEATURES	
Ampere Meter	Yes (0-300 Ampere)
A.C. Circuit Protector	Yes
A.C. Pilot Lamp	Yes
Engine Oil Protection	Electronic Oil Alert & Indicator
Fuel Level Gauge	Yes
AC Output Sockets	1 Nos.
Costar Wheels (6 inch)	Yes (04 Nos)
Mono Rail	Yes
Dry Weight (Kgs.)	115 kgs Approx.

Battery Specification	12 Volts 25 Ah Size = 190 x 120 x 225 (L x W x H)
STANDARD ACCESSORIES	
AC Plug	1 Pec.
Tool Kit	1 Set
Welder Holder with Cable	1 Set
Earthing Clamp with Cable	1 Set
Oil Funnel	1 No.
Owner's Manual	1 No.
Battery Terminal	1 Set.
Battery Tray & Holding Set	1 Set.

Make.: ADFL Make /EWM HIGHTECH WELDING Make / HPMF.CO Make / L&T Make / VOTIVE Make.

Special Condition: -

- 01)** Inspection: By Consignee at Destination. Manufacturer Test Certificate & Warranty Certificate of OEM Required.
- 02)** Warranty: The tenderer will warranty for 12 Months form the Date of Commissioning.
- 03)** Tenderer / Bidder should submit / upload technical specification/ Product Leaflet along with Tender Specific Point wise comparison Chart to provide documentary evidence on mandatory basis as a proof of matching of specifications to procure quality & genuine material otherwise offer will be ignored / Not Accepted.
- 04)** Manufactures Authorised representative shall carry out commissioning of the machine at consignee premises free of cost.
- 05)** CPCB – II Report for Quoted Model No: - Tenderer Must Submit Engine Emission Type Test (As per GSR 535) / Environment Compliance for Quoted Model No for Emission Certificate at the time of submitting offer otherwise offered will be ignored.
- 06)** Alternator Efficiency Report for Quoted Model No - Tenderer Must Submit Alternator Efficiency Report for Quoted Model No at the time of submitting offer otherwise offered will be ignored.
- 07)** IS-2635: 1997 Compliance Certificate for Quoted Model No: - Tenderer Must Submit IS-2635: 1997 Compliance Certificate for offer Quoted model No issued by Electronics Regional Testlabrotary (Government of India) at the time of submitting offer otherwise offered will be ignored.
- 08)** Past Performance: - Tenderer should submit the list of customers to whom same types of Equipment have been supplied earlier, indicating the type & capacity of the same. While Scrutinizing the Tender offer due weightage will be given to past performance. Non – Submission of Past performance Report offer will be Summarily Rejected.
- 09)** Bank Guarantee: - Bank Guarantee / Bank FDR towards Performance Guarantee for an Amount of 03 % of Purchase Order value should be submitted for the 12 Month warranty period & the same will be released on completion of Warranty period of 12 Months.
- 10)** If the tenderer is not the OEM but a Trader/Dealer he shall submit a valid tender specific authorization letter along with quotation from the Principals/OEM duly stating that he is authorized to quote on his behalf & that the principal/OEM would stand Guarantee/Warrantee for the Product otherwise offer will be ignored.
- 11)** AMC: Tenderer should assure & confirm give undertaking in writing clearly at the time of submitting offer without fail that to take Annual Maintenance Contract (AMC) if required after expiry of warranty period on Chargeable Basis for further 24 Months failing which offer will be ignored / Not Accepted.

Important Note: - Clause wise compliance to be written as either as “complied” or as “Deviated” in a print out of the above and its scanned copy should be mandatorily uploaded with the offer. If incomplete information Item wise in the above-mentioned point/Issues is received it will be concluded that the offer is Unresponsive & offered will be Ignored.