



# HIMALAYAN POWER MACHINE MFG. CO.

Part of Khasra No. 51 and 52 Ka, Village Kuanwala, Haridwar Road, Dehradun,  
Uttarakhand – 248001

Phone No.: +91-9412052496

Email: hpmgenset@gmail.com

## Specification Sheet For Model HPW- 350 Diesel - AC



	MODEL	HPW – 350 Diesel - AC
<b>D C WELDING</b>	<b>Special Highlights &amp; Applications</b>	<ul style="list-style-type: none"> <li>• <b>Extreme Diesel Portable Welding Machine Cum Generator, Suitable for High Quality &amp; All types of Welding, Including Structural Welding Rods 7018 Size 5 mm Electrode &amp; hard facing Rods.</b></li> <li>• <b>Most suitable for Big Diameter Pipe Line welding, Railway jobs</b></li> </ul>
	<b>Maximum Output (Duty Cycle 60%)</b>	<b>325 Amps.</b>
	<b>Maximum Output (Duty Cycle 100%)</b>	<b>275 Amps.</b>
	<b>Working Voltage</b>	<b>20v to 39 v</b>
	<b>Open Circuit Voltage</b>	<b>80 Volt (Minimum)</b>
	<b>Current Regulation Amps</b>	<b>*60-325</b>
	<b>Rectifying Mode</b>	<b>SCR, Phase Controlled 3-phase, Rectifying Bridge Twin SCR Block</b>
	<b>Electrode diameter</b>	<b>3 mm to 6.0 mm</b>
<b>A C GENERATOR</b>	<b>Alternator Type</b>	<b>Multiphase, Brush less with Rear Earth Magnet Rotor</b>
	<b>Maximum Ac Output</b>	<b>5000VA</b>
	<b>Rated Output Current</b>	<b>17.4 Amps.</b>
	<b>NFB Amps</b>	<b>18Amps.</b>
	<b>AC. Voltageat No Load</b>	<b>240Volts±10 Volts,SinglePhase</b>
	<b>AC. Voltageat Rated Load</b>	<b>220Volts±10 Volts,SinglePhase</b>
	<b>Frequency (Adjustable)</b>	<b>50to60Hz.</b>
<b>Alternator Type</b>	<b>Brushless, Rare Earth Magnetic Rotor, THD ≤ 5 %, Pure Sine Wave.</b>	



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<b>ENGINE</b>	<b>Classof Insulation</b>	<b>F</b>
	<b>Model</b>	<b>HM192F</b>
	<b>Type</b>	<b>4-Stroke, OHV, Vertical, Single Cylinder, Direct Injection</b>
	<b>Maximum Power</b>	<b>14HP</b>
	<b>Bore x Stroke</b>	<b>92x72mm</b>
	<b>Displacement</b>	<b>499cc</b>
	<b>Starting System</b>	<b>Recoil / Self Start</b>
	<b>Fuel</b>	<b>Standard Diesel</b>
	<b>Fuel Tank Capacity</b>	<b>13 Liters</b>
	<b>*Fuel Consumption Ltr./Hr.</b>	<b>1.3 Ltr./hr.</b>
	<b>Continuous Operating Hour</b>	<b>10. hr.</b>
	<b>Lube. Oil Capacity</b>	<b>1650 ml.</b>
	<b>Lubricating Oil Consumption</b>	<b>4.3 gm./Hr.</b>
<b>Standard Accessories</b>	<b>AC Plug</b>	<b>1 Pcs.</b>
	<b>Tool Kit</b>	<b>1 Set</b>
	<b>Welder Holder</b>	<b>1 Set</b>
	<b>Earthing Clamp with3 Mtr. Cable</b>	<b>1 Set</b>
	<b>Oil Funnel</b>	<b>1 No.</b>
	<b>Owner's Manual</b>	<b>1 No.</b>
	<b>Battery Terminal</b>	<b>1 Set</b>
	<b>Battery Tray &amp; Holding Set</b>	<b>1 Set</b>
<b>*Optional Accessories</b>	<b>Sheet Metal Welding Attachment (Helps to adjust low current up to 40 Amps.)</b>	<b>1 Kit (Additional Cost)</b>
<b>Panel &amp; Other Standard Features</b>	<b>A.C. Circuit Protector</b>	<b>Yes</b>
	<b>Engine Oil Protection</b>	<b>Electronic Oil Alert &amp; Indicator</b>
	<b>Low Fuel Protection</b>	<b>Yes</b>
	<b>A.C. Pilot Lamp</b>	<b>Yes</b>
	<b>Fuel Level Gauge</b>	<b>Yes</b>
	<b>A.C. Output Sockets</b>	<b>1 Nos.</b>
	<b>Costar Wheels &amp; Handle</b>	<b>Yes</b>
<b>Size &amp; Weight</b>	<b>Dimensions (L x W x H mm)</b>	<b>1005 x 510 x 715 mm</b>
	<b>Dry Weight (Kgs.) With Battery</b>	<b>146 Kg</b>
	<b>Battery Capacity</b>	<b>12 Volt, 35Ah, Size : 190x120x225 (LxWxH)</b>

Above Specifications are for reference only, Because of continuous improvements and up-gradation by our R&D team. This specification's can change without any prior intimation