



# GENESIS 600HD

**MMAW / ARC****Specifications:**

Input Supply	330-500, 50Hz/60Hz, 3Phase
Switching Device	IGBT
Input KVA @ 600A	33 KVA
Current Range	10A - 600A
Current @ 60% Duty	600Amps
Current @ 100% Duty	465Amps

Max OCV	85V
Class of protection	IP23
Dimensions (WxLxH)mm	420 x 680 x 540 mm
Weight	60kg

APS provides the most reliable in its class, GENESIS 600HD welding equipment. The Genesis series is well known in the market for its simplicity, reliability, ruggedness and is capable of serving the customer in tough environment. Genesis series is designed to work under wide voltage fluctuations, protected against Over Voltage, Under Voltage, Over Heating, Over current for IGBT protection with indication, Phase error detection. On Load Power Consumption upto 50% lesser than conventional Non-inverter type welding equipment.

**Protection features:**

- OV - Over Voltage (Indicates supply voltage above 500V)
- UV - Under Voltage (Indicates supply voltage below 330V)
- OC - Over Current (IGBT Over Current Indication)
- OT - Over Temperature (Internal temperature above 70deg)
- SP - Single Phase loss (One of Phase is not connected)

**CV****3Ph****DC****Accessories**

Electrode Holder

Ground Clamp



Welding Cable

Remote



## ADVANCED POWER SOURCES<sup>®</sup> LIMITED

WELDING - CUTTING - GOUGING - AUTOMATION - ACCESSORIES

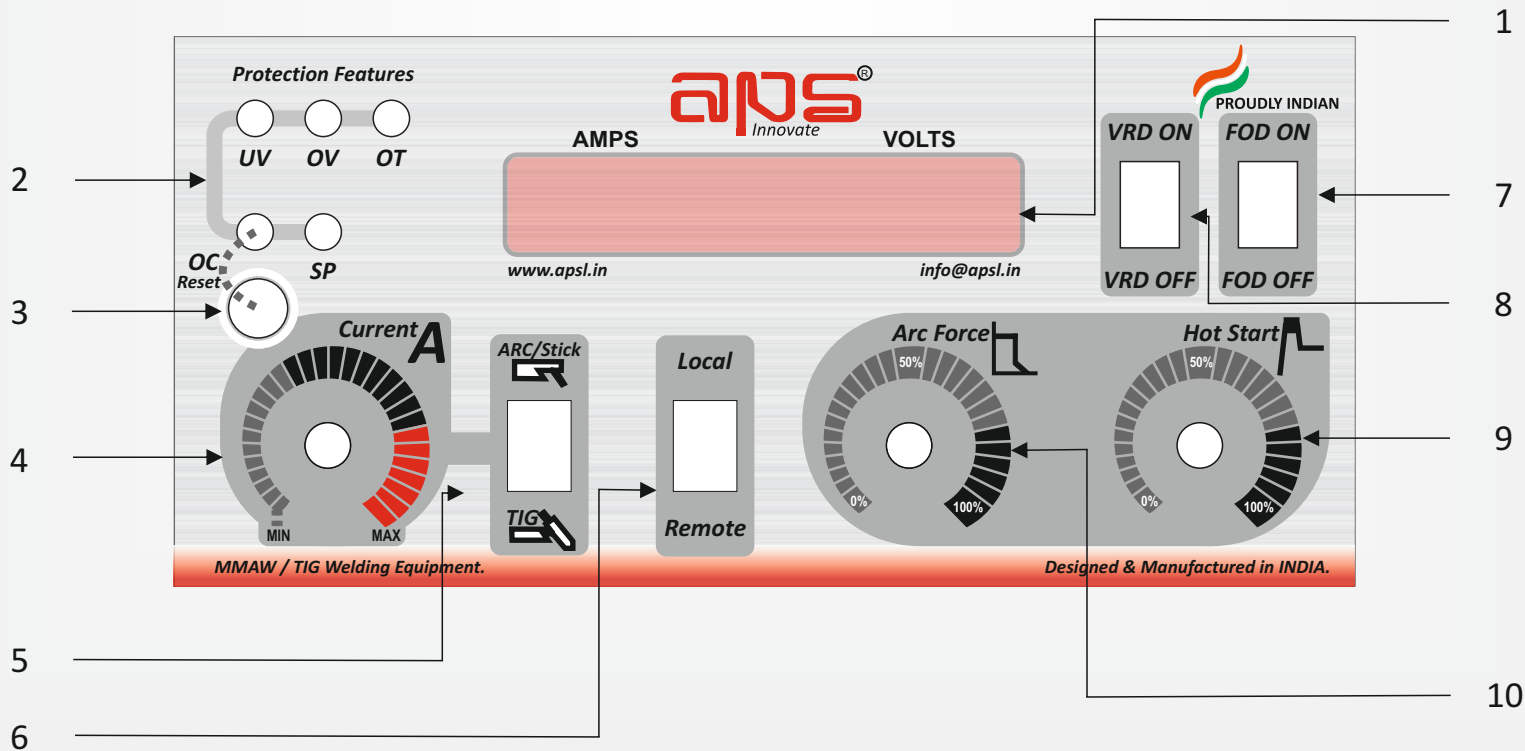
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**Manufacturing Facility:**

Survey no. 172/1, Paikee 2, Old GIDC, Gundlav, Valsad,  
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## Panel Description:



1 - Ammeter and Voltmeter [ Display]

2 - Protection Indications

- OC indicator shows Over Current
- OV indicator shows Over Voltage
- UV indicator shows Under Voltage
- OT indicator shows Over Temperature
- SP indicator shows Phase Drop

3 - OC Reset Switch

4 - Current Control Knob

5 - TIG / ARC Mode Switch

6 - Remote / Local Switch

7 - FOD ON/OFF Switch

8 - VRD ON / OFF Switch

9 - HOT START Control KNOB

10 - ARC FORCE Control KNOB

- *Excellent Arc characteristic over entire range.*
- *Stepless Voltage selection.*
- *Digital Ammeter and Voltmeter.*
- *Forced Air cooling for longer unit life.*
- *Class H insulation.*

AUTHORISED DEALER

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