



GENESIS 600HDPulseTig

GTAW / TIG

Specifications:

| | | | |
|---------------------|----------------------------|------------------------------|--------------------|
| Input Supply | 330-500, 50Hz/60Hz, 3Phase | Max OCV | 85V |
| Switching Device | IGBT | Class of protection | IP23 |
| Input KVA @ 600A | 33 KVA | Dimensions (WxLxH)mm | 420 x 680 x 540 mm |
| Current Range | 10A - 600A | Weight | 60kg |
| Current @ 60% Duty | 600Amps | | |
| Current @ 100% Duty | 465Amps | | |
| | | | |
| Pulse Frequency | 1 - 10 Hz | In Built High Frequency Unit | |
| Pulse Time | 1 - 90 % | Preflow Gas | 0 - 10 sec |
| | | Postflow Gas | 0 - 10 sec |
| | | Upslope Time | 0 - 10 sec |
| | | Downslope Time | 0 - 10 sec |

APS provides the most reliable in its class, GENESIS 600HD PulseTIG 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)

Add - On

Water Circulating Unit

- Tank Capacity - 50 litres
- Cooling - Forced Air
- Heat Exchange - Radiator with Copper Tubing
- Dimensions - 382 x 450 x 582 mm (W X L X H)
- Weight - 42 Kg



Accessories

Tig Torch



Ground Clamp



Flow Meter



Argon Regulator



Gas Pipe



ADVANCED POWER SOURCES® LIMITED

WELDING - CUTTING - GOUGING - AUTOMATION - ACCESSORIES

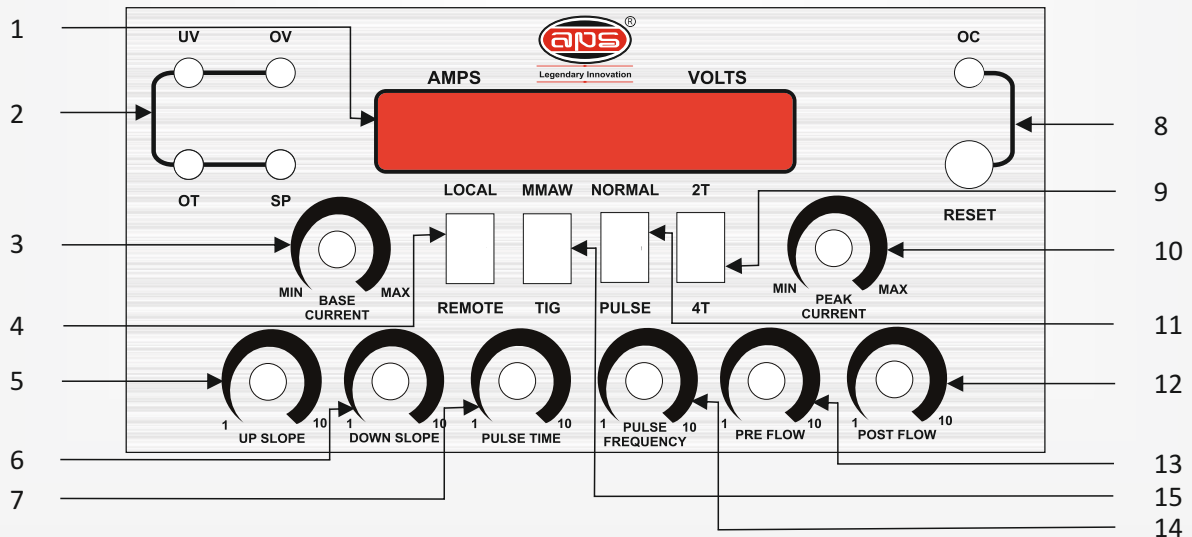
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Panel Description:



1 - Display [Ammeter / Voltmeter]

2 - Protection Features -
 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 - Base Current KNOB

4 - Local / Remote Switch

5 - Upslope KNOB

6 - Downslope KNOB

7 - Pulse Time KNOB

8 - OC Reset Button

9 - 2T / 4T Switch

10 - Peak Current KNOB

11 - Normal / Pulse Mode Switch

12 - Postflow KNOB

13 - Preflow KNOB

14 - Pulse Frequency KNOB

15 - MMAW / TIG Switch

- **Excellent Arc characteristic over entire range.**
- **Digital Ammeter and Voltmeter.**
- **Forced Air cooling for longer unit life.**
- **Class H insulation.**
- **FOD - Fan - On - Demand**
- **VRD - Voltage Regulation Device**

AUTHORISED DEALER

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