



GENESIS 400PulseTig

GTAW /TIG

Specifications:

Input Supply	330-500, 50Hz/60Hz, 3Phase
Switching Device	IGBT
Input KVA @ 400A	17.83 KVA
Current Range	10A - 400A
Current @ 60% Duty	400Amps
Current @ 100% Duty	310Amps

Pulse Frequency	1 - 10 Hz
Pulse Time	0 - 90 %

Max OCV	85V
Class of protection	IP23
Dimensions (WxLxH)mm	340 x 630 x 560 mm
Weight	47kg

In Built High Frequency Unit

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 400HD 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.

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

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

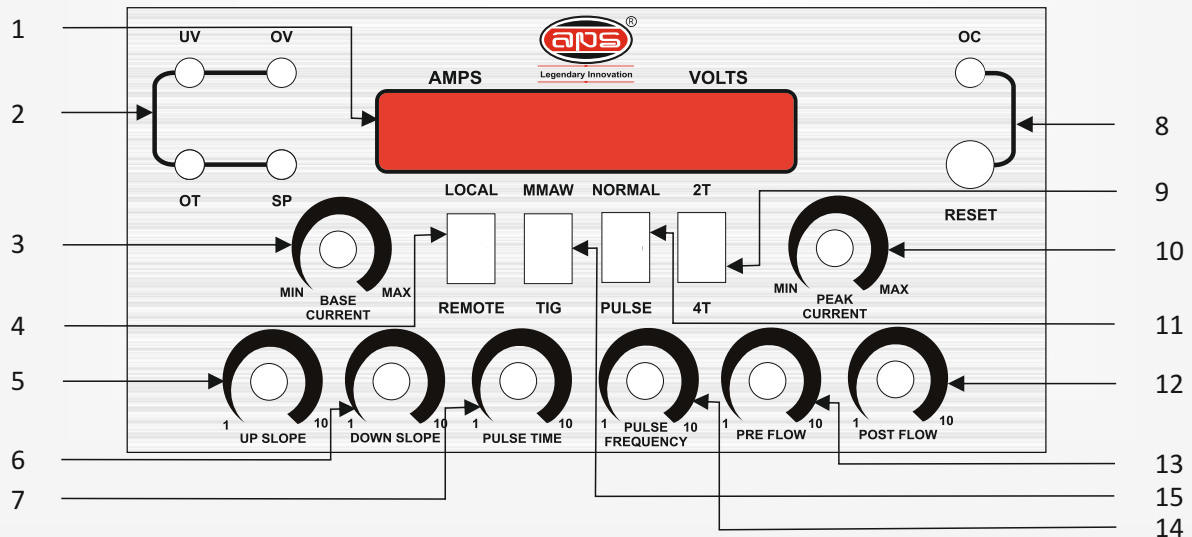
Registered Office:

No. 306, Sagar Industrial Estate, Near Toll Naka, Dahisar(E),
Mumbai, Maharashtra - 400 068. INDIA. Ph: 022-28967134
CIN: U74990MH2009PLC195896

Manufacturing Facility:

Survey no. 172/1, Paikee 2, Old GIDC, Gundlav, Valsad,
Gujarat - 396035 .INDIA. Ph: 02632-236799/98
email: info@apsl.in www.apsl.in

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

ADVANCED POWER SOURCES[®] LIMITED
WELDING - CUTTING - GOUGING - AUTOMATION - ACCESSORIES

Registered Office:

No. 306, Sagar Industrial Estate, Near Toll Naka, Dahisar(E),
Mumbai, Maharashtra - 400 068. INDIA. Ph: 022-28967134
CIN: U74990MH2009PLC195896

Manufacturing Facility:

Survey no. 172/1, Paikee 2, Old GIDC, Gundlav, Valsad,
Gujarat - 396035 .INDIA. Ph: 02632-236799/98
email: info@apsl.in www.apsl.in