



Apollo 600

MMAW /TIG

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

Other Specifications:

Class of Insulation	CLASS H
Class of Ingress Protection	IP 23
Dimension(WxLxH)	370 x 625 x 690mm
Weight	57Kg

Weld Cycle Parameters:

Preflow gas time	00.0 - 25.0 secs
Initial Amps	10A - 600A
Upslop time	00.0 - 25.0 secs
Peak Current	10A - 600A
Base Current	10A - 600A
Pulses per second (Frequency)	00.0 - 50.0 Hz
Pulse Peak time (%)	10% - 90%
Downslope time	00.0 - 25.0 secs
Final Amps	10A - 600A
Postflow Gas	00.0 - 25.0 secs

Digital Signal Processing Technology SMT Technology



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
 | Gas Pipe
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| Flow Meter
 | Argon Regulator
 | |



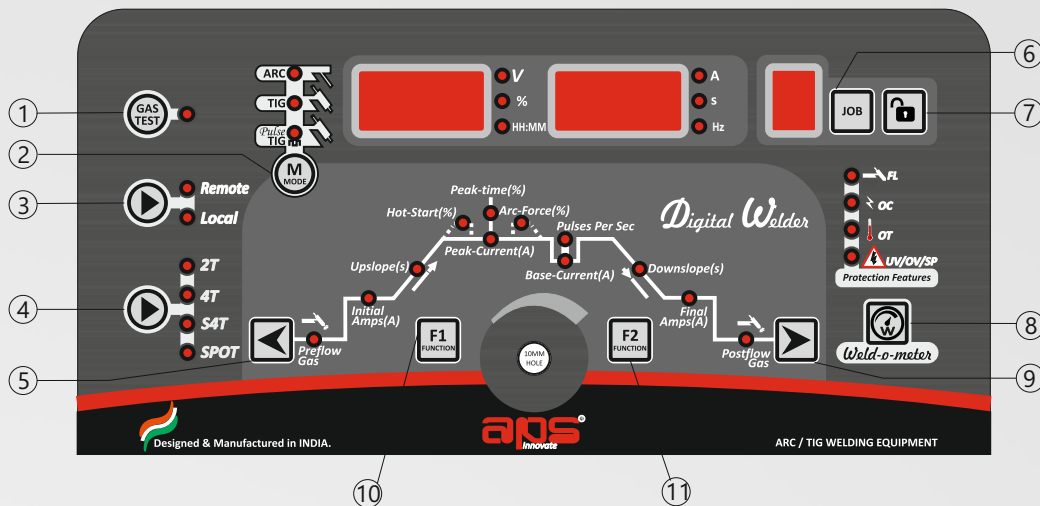
ADVANCED POWER SOURCES® LIMITED













Registered Office:

No. 306, Sagar Industrial Estate, Near Toll Naka, Dahisar(E), Mumbai Maharashtra - 400 068. INDIA. Ph: 9601444222
CIN: U74990MH2009PLC195896

Manufacturing Facility:

Survey no. 172/1, Paikee 2, Old GIDC, Gundlav, Valsad, Gujarat - 396035 INDIA. Ph: 9601444111
email: info@apsl.in www.apsl.in



1.  – Select to test gas flow
2.  – Select to change ARC/TIG/PULSE TIG modes.
3.  – Select to run the machine locally or through remote/pedal.
4.  – Select to change Torch Mode - 2T/4T/S4T/SPOT.
 2T - Press TORCH SWITCH to start.
 Release TORCH SWITCH to stop.
 4T - Press and Release TORCH SWITCH to start/stop.
 S4T - Press to TORCH SWITCH start with preflow gas and initial amperage.
 Release TORCH SWITCH to get upslope and peak amperage.
 Repeat press to get downslope and final amperage.
 Release to stop welding and get postflow gas.
 SPOT - Press and Release TORCH SWITCH to start. Spot timer guides the stop.
5.  – Left Toggle Button. Press to select various parameters in the cycle.
6.   – Job Selection Button. Press to select various jobs.
7.  – Press to UN-LOCK the machine.
 Press along with mode button to LOCK the machine
8.  – Press to check welding time.
 Long Press while switching on the machine to reset weldometer to 0.
9.  – Right Toggle Button. Press to select various parameters in the cycle.
10.  – Press once to set spot timer.
 Press again to select base/peak current to be operated with remote.
11.  – Press to save functions.

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