



# GENESIS 800

## GOUGING

### Specifications:

Input Supply	330-500, 50Hz/60Hz, 3Phase	Max OCV	95 - 105 Volts
Switching Device	IGBT	Class of protection	IP21
Input KVA @ 800A	50.6 KVA	Dimensions (WxLxH)mm	670 x 780 x 915 mm
Current Range	30 - 800 Amps	Weight	130 kg
Current @ 60% Duty	800 Amps		
Current @ 100% Duty	600 Amps		

APS provides the most reliable in its class, GENESIS 800 gouging 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)



### Accessories

Gouging Torch



Ground Clamp



Welding Cable



Remote



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

WELDING - CUTTING - GOUGING - AUTOMATION - ACCESSORIES

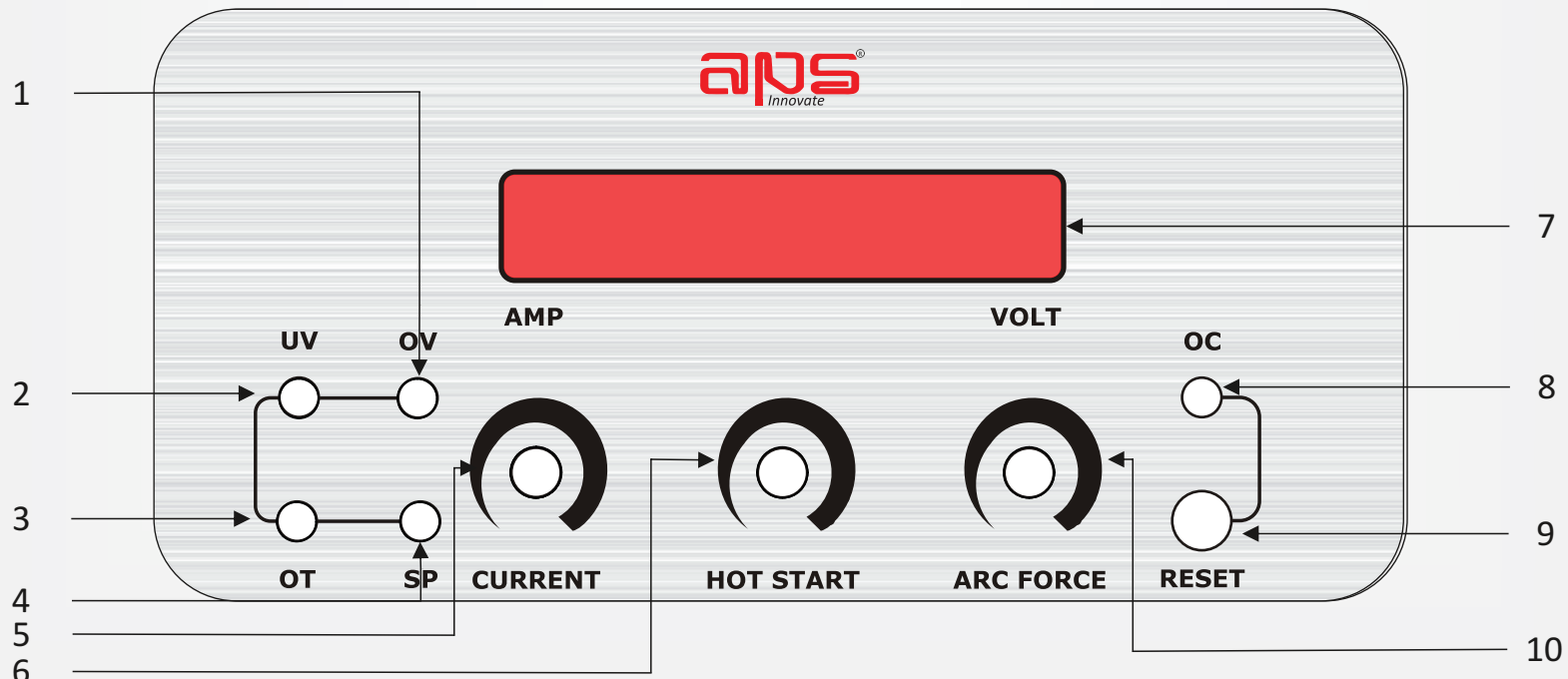
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#### Manufacturing Facility:

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## Panel Description:



- 1 - OV - Over Voltage Indicator
- 2 - UV - Under Voltage Indicator
- 3 - OT - Over Temperature
- 4 - SP - Single Phase [ Supply ] Indicator
- 5 - Current Control KNOB

- 6 - Hot Start Variation KNOB
- 7 - LED Display [ Ammeter and Voltmeter ]
- 8 - OC - Over Current Indicator
- 9 - OC Reset Button
- 10 - ARC Force Variation 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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