



# GENESIS 1200

## GOUGING

### Specifications:

Input Supply	330-500, 50Hz/60Hz, 3Phase
Switching Device	IGBT
Input KVA @ 1200A	51 KVA
Current Range	30A - 1200A
Current @ 60% Duty	1200Amps
Current @ 100% Duty	930Amps

Max OCV	95 - 105 V
Class of protection	IP21
Dimensions (WxLxH)mm	460 x 1125 x 945 mm
Weight	198 kg

APS provides the most reliable in its class, GENESIS 1200 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)

**CC****3Ph****DC**

### Accessories

Gouging Torch



Ground Clamp



Welding Cable



Remote



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

WELDING - CUTTING - GOUGING - AUTOMATION - ACCESSORIES

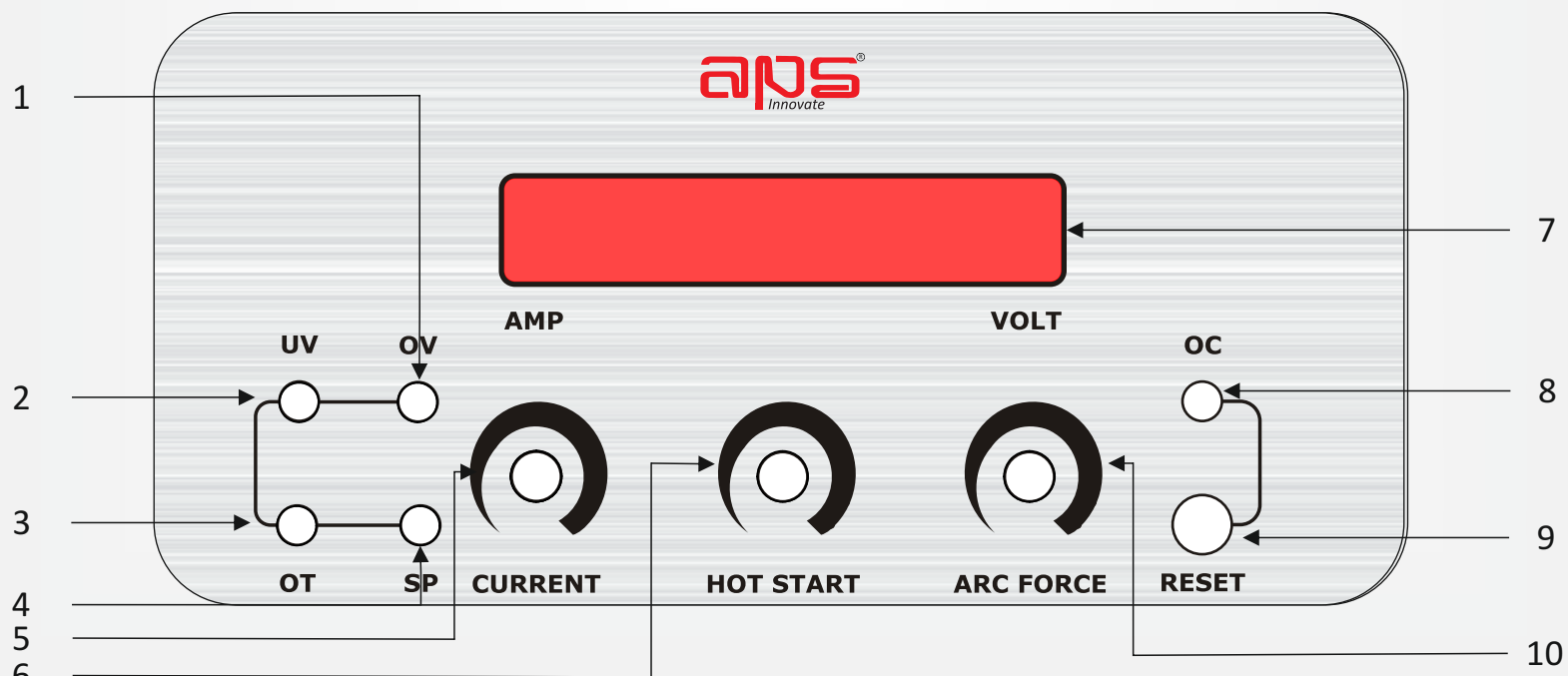
**Registered Office:**

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  
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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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