



TECHNICAL PARAMETERS

Model	FLAME
Technology	IGBT
Rated Input Voltage	220 V
Phase	Single
Frequency	50Hz \pm 3%
Input Regular Working Voltage	220 \pm 15%
Input Fluctuating Voltage	130 - 280 V (1 Ph)
Insulation Class / Protection Class	H / IP23
Max. Input Power	5.4 KW@ 1 Ph
Max. Input Current	24 A @1 Ph
No Load Current	0.03 Amp
Current Range	15 - 200 Amp
Output Current @100% Duty Cycle	180A @ 1 Ph
KVA @100% Duty Cycle	4.9KVA @ 1 Ph
Open circuit Voltage At Set Current	VRD ON 14 V VRD OFF 80 \pm 5 V
Suitable Electrode	1.0 - 3.2 mm
Maximum Length Of Output Cable	50 Mtr
Power Factor	0.9
Cooling Type	Forced Air
Net Weight	8Kg

FLAME

SALIENT FEATURES

- Compact, Sturdy & Light Weight (8 Kg)
- Powerful IGBT Switch And Advance Technology
- Weld Metals - Carbon-Steel, Cast-Iron, S.S, etc
- Generator Compatibility
- Auto Controlled Hot Start & Antisticking
- 100% Duty Cycle - 24/7 Uninterrupted Usage
- VRD Selection By Separate Switch
- Special LED - Fault Indicating Lamp
- Low Energy Consumption
- Practical Protection Class - IP23
- Spatter - Less Welding
- Robust Construction
- Power Factor Above 0.9

All Equipments Are Tested And Approved After Trial.

Standard Accessories

(Optional)

- Two Male Connectors Are Inbuilt
- Two Female Connectors With Protecting Rubber Sleeve
- Electrode Holder with 2 Mtr. Cable
- Earthing Clamp with 2 Mtr. Cable
- Arc Protecting Helmet (Optional)