

## DIFFARC RANGE MIG / MAG WELDING

### PRODUCT SPECIALITY

#### DW250F & DW300F

1. Small and light :with the mid-frequency transformer which is extremely than the traditional welding power sources :
2. Efficient and energy-saving : because inverter welders reduce the wasted power by using less copper and steel. Over one third power consumption will be save because the efficiency is 80% to 85% while the power factor is as high as 0.93.
3. Having step-less adjustment for welding current and voltage. Different requirement of different welding technique will be reached.
4. Stable welding with small spatter and outstanding welding performance.
5. With the function of auto-compensation against power fluctuation.
6. Design separately; suitable for welding at high place or special position.

#### DW250F

3  
Phase

50  
60  
Hz

DC

CE

CCC



#### DW300F

3  
Phase

50  
60  
Hz

DC

CE

CCC



# DIFFARC RANGE - MIG/MAG WELDING

Parameter/Model	DW250F	DW300F
Input Voltage (V)	AC 415 ± 15%	AC 415 ± 15%
Frequency (Hz)	50/60Hz	50/60Hz
Rated Input Current (A)	12.7	16.7
Output Current Range (A)	50-250	50-300
Rated Output Voltage (V)	16.5-26.5	16.5-29
Duty Cycle (%)	60	60
Efficiency (%)	85	85
Power Factor	0.93	0.93
Insulation Grade	H	H
Post flows (sec)	1	1
Type of Wire Feeder	Separated	Separated
Wire Diameter (mm)	0.8/1.0	0.8/1.0
Wire Feeding Speed (m/min)	2.5-13	2.5-13
Housing Protection Grade	IP23	IP23
Plate thickness	0.8+	0.8+
Net Weight (kg)	15	18
Dimensions (mm)	505x203x375	505x203x375
Standard Accessories	Wire Feeder Unit; CO2 regulator, Nozzle Tip, Feed Roller, Spanners, Hose 4meters, MIG Torch, Earthing Cables & Earthing Clamp	Wire Feeder Unit 4meters; CO2 regulator, Nozzle Tip, Feed Roller, Spanners, Hose 4meters, End Connectors; MIG Torch, Earthing Cables & Earthing Clamp

## DIFFUSION ENGINEERS LIMITED

Regd. Office : T-5 & T-6, M.I.D.C., Hingna Industrial Area, Nagpur - 440016. Maharashtra INDIA

[t] 091-7104-232084,234727 [f] 091-7104-232085. [e] info@diffusionengineers.com

Works I : T-5 & T-6, M.I.D.C., Hingna Industrial Area, Nagpur 440 016. [t] 091-7104-232084, 234727

Work II : N-78 & N-79, M.I.D.C., Hingna Industrial Area, Nagpur 440 016. [t] 091-7104-236036

Work III : T-12, M.I.D.C., Hingna Industrial Area, Nagpur 440 016. [t] 091-7104-232984

[w] www.diffusionengineers.com

Ahmedabad, Bengaluru, Chennai, Faridabad, Jamshedpur, Pune, Raipur, Secunderabad, Vadodara.