



MEGMEET EHAVE II CM500M MIG Welding Machine 3PH/415V

Description

- A variety of programs combined into one machine, supporting CO2/MAG/MIG/TIG/MMA/ Arc Gouging/Fast Weld and others, could be expanded to robotic welding power source, rich in functions to meet various application conditions;
- Equipped with more than 20 items of independent patented technologies including arc starting soft-transition control, TIG arc ignition energy control, higher reliability and better performance;
- Droplet cleaning detection and control technology is adopted to automatically remove the end of wire to improve arc start success rate and quality;
- Extensive expert welding database, up to 99 groups of welding parameters storage/calling channels with one-key calling and easy operability;
- RFID card-linking function, more convenient management of welding machine usage authority, seamless connection with Megmeet SMARC System(welding management system);
- Software up-gradable to ensure customers obtaining Megmeet foremost welding process conveniently;
- With welding current and voltage limiting function, upper/lower limits of welding current and voltage can be set to prevent operating outside WPS parameters?
- Welding voltage and welding current compensation function to guarantee the stability of long-cable welding and the consistency of actual values and pre-set values;
- Heat conduction efficiency of IGBT is increased by 50%, and whole series of Ehave-2 products meet the national standard of first-class energy efficiency, more energy-saving and environment-friendly, and carbon emissions is reduced.

- Lightning protection level reaches Class D, wide-range input voltage is more suitable for severe power grids, and can expand to work with generator;
- All models of Ehave-2 series are 100% rated duty cycle, supporting to weld stably at a distance up to 50 meters and suitable for industrial heavy-duty harsh environments

Specification

Model	EHAVE II CM500M
Control Mode	Full Digital Control
Wire Feeding Drive Control Mode	HF Opposing Electromotive Force
Rated Input Voltage	AC 3PH 380v – 25%
Input Frequency	30 ~ 50Hz
Rated Input Power	23.1 KVA / 21.7 KW
Power Factor	0.94
Efficiency	0.9
Rated OCV	73V
Rated Output Current	500A
Rated Output Voltage	39V
Rated Current Range	30 ~ 500A
Rated Current Range	12V ~ 45V
Duty Cycle (40°C / 10 min)	500A @ 100%
EMC	Class A
Welding Parameter Storage JOB	99
Insulation Grade	F (reactor H)
Ingress Protection	IP23
Protection Against Lightening	Class D (6000V / 3000A)
Working Temperature	-10°C ~ +40°C

Model	EHAVE II CM500M
	DC, Carbon Steel, Stainless Steel, Simple TIG, MMA, Carbon arc gouging, Fast-weld mode
Welding Process	Carbon Steel, Stainless Steel, Aluminium
Gross Weight (kg)	37
Dimension (mm)	684 x 320 x 580
Industrial Application	Automotive & Railway, Construction & Mining Machinery, Ship-building & Marine Engineering, Heavy Steel Construction, Shipping Container