



## 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

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

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