WeldCloud™ Universal Connector

Expanding the reach for welding analysis

Simple and robust, the WeldCloud Universal Connector easily connects to a welding power source and provides insight into welding operations

Industry

- Offshore
- Shipbuilding
- Commercial Vehicles
- Construction Equipment
- Pressure Vessels
- Pipe Mills
- Power Generation, Nuclear
- Construction and Infrastructure

Intuitive connection and configuration via mobile app

WeldCloud™ allows customers to connect their various ESAB welding equipment to a rich and robust online welding analytics tool. Now the **WeldCloud Universal Connector** can provide many of the same features when connecting to nearly any welding power source existing in the market today.

At ESAB, we understand customers might have many different types and brands of power sources, so running many different software packages to analyse the data is challenging and inefficient. The WeldCloud Universal Connector helps overcome these barriers by letting the Operations Manager, Service/Maintenance Manager or QA Engineer connect a diverse set of power sources to the same exact software (WeldCloud) and see all of their information in one place.

Instead of having many systems, with cumbersome extracts while managing and converting unlike data, customers can now have a one-stop-shop for accessing their welding data, regardless of the vendor make or model.

The WeldCloud Universal Connector brings about the best of two worlds: Connecting to nearly any power source in a few easy steps and WeldCloud's intuitive interface for data analysis and reporting.

- **Easy to connect:** The Universal Connector allows for connections inline to the welding power source - no reconfiguring of the existing system is required

- **Easy to configure**: A mobile app is all that is required to configure and connect the Universal Connector to the WeldCloud server

- **Easy to use**: The Universal Connector sends data to the WeldCloud server, providing the same streamlined interface to review the data. The system also allows the user to scan and log the types of consumables (wire, gas, etc.) and operator, job or part number, all through the mobile app

Visit **esab.com** for more information.

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Specifications

Measuring Range Voltage	10 – 100 V
Measuring Range Current	400A/34V DC/AC @ 100% Duty Cycle 500A/39V DC/AC @ 60% Duty Cycle
Wire Feed Speed	Wire Feed Speed is calculated based on Amp and wire dimensions
Internal (removable) Battery	Lithium-ion, 3.7 V, 2200 mAh
Self Energy Consumption	6 W
Suitable for Welding Processes	MIG/MAG (GMAW), TIG (GTAW)
Enclosure Class	IP43
Operating Temperature	-10 to +40 °C *(+14 to +104 °F)*
Interface Connectors	OKC 50-95 mm, Tweco 4-MPC *
Certification Mark (Standards)	CE / CSA / FCC
Dimensions LxWxH	318 x 234 x 74 mm *(12.5 x 9.2 x 2.9 in.)* Sensor box 240 x 130 x 45 mm *(9.4 x 5.1 x 1.8 in.)* Control box (small)
Weight, incl. Cables	7 kg *(15.4 lbs)*

 * *Interface connector may vary per region*

WeldCloud Features

	WeldCloud Enabled Equipment	WeldCloud Universal Connector
Productivity		
Compare productivity by process/ welder/ part	●	●
Report arc time	●	●
Documentation		
Weld session information to determine parameter deviation	●	●
Barcode scanning to track operator, wire, gas and object	●	●
Connectivity		
Wi-Fi	●	●
Bluetooth (barcode scanning)	●	●
Connects to virtually any power source		●
Asset Management		
Set parameters for all power sources from set location	●	
Real time and historical alerts management via email	●	
Customise maintenance plans	●	
Help locate machines setting locations	●	
History data to help reduce troubleshooting time	●	

For additional information about WeldCloud please see separate fact sheets.

Ordering Information

WeldCloud Universal Connector, OKC	0445690880
WeldCloud Universal Connector, Tweco	0445690882

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GLOBALLY CERTIFIED MANAGEMENT SYSTEMS