

Electrofusion Welders



The Calder Pegasus Plus
Electrofusion Welder gives
you functionality, reliability and
affordability and is capable of
welding all brands of fittings up
to 1000mm. With automatic fitting
recognition, barcode scanning and
manual data entry, this welder is the
latest addition to the Pegasus line.

The Calder Pegasus Plus is equipped with comprehensive data logging capabilities and when combined with CalderSafe Mobile, the unit will provide you with a complete quality assurance system.

FEATURES

- Barcode scanning and manual time entry
- Fitting size range 20mm 1000mm
- 4m output lead
- Data recording of 2,000 welds
- CalderSafe® Weld Data Analyser
- Alphanumeric display with backlight
- Dual terminals as standardd

Optional

- Automatic coupling recognition
- CalderSafe® Mobile Weld Analyser
- Terminal adaptors

Calder Pegasus™ Plus EF Control Unit Electrofusion Welders

Technical Specification

Input Frequency 50Hz (37-62Hz) Input Power 48VA-3.8kVA @ Nominal 40V output Efficiency 77% @ Nominal 40V output Output Voltage [Vac RMS] 8-48v Output Current [Continuous Aac RMS] 60A Stability +/- 1.5% of Welding Voltage Output Power 40W-3kW @ Nominal 40V output Welding Time Span 3-4000 seconds Operating temperature -20°C-50°C Environmental Protection IP54 Class II Data Download USB flash memory Languages Multiple	Technical Specification	
Case Material Mains Input Cable Length Fusion Output Cable Length Weight 10	Coupling Size Range	20-1000mm Ø
Mains Input Cable Length Fusion Output Cable Length Weight 22kg Input Voltage 230V Build / 195-270Vac 110V Build / 95-150Vac Input Frequency 50Hz (37-62Hz) Input Power 48VA-3.8kVA @ Nominal 40V output Efficiency 77% @ Nominal 40V output Output Voltage [Vac RMS] 8-48v Output Current [Continuous Aac RMS] 60A Stability +/- 1.5% of Welding Voltage Output Power 40W-3kW @ Nominal 40V output Welding Time Span 3-4000 seconds Operating temperature -20°C-50°C Environmental Protection IP54 Class II Data Download USB flash memory Languages Multiple Data Recording Capacity 2000 Records Each with 124 data point profile recording	Dimensions [HxWxL]	385 x 275 x 215mm
Fusion Output Cable Length Weight 22kg Input Voltage 230V Build / 195-270Vac 110V Build / 95-150Vac Input Frequency 50Hz (37-62Hz) Input Power 48VA-3.8kVA @ Nominal 40V output Efficiency 77% @ Nominal 40V output Output Voltage [Vac RMS] 8-48v Output Current [Continuous Aac RMS] 60A Stability +/- 1.5% of Welding Voltage Output Power 40W-3kW @ Nominal 40V output Welding Time Span 3-4000 seconds Operating temperature -20°C-50°C Environmental Protection IP54 Class II Data Download USB flash memory Languages Multiple Data Recording Capacity 2000 Records Each with 124 data point profile recording	Case Material	ABS plastic
Weight 22kg Input Voltage 230V Build / 195-270Vac 110V Build / 95-150Vac 110V Build / 95-15	Mains Input Cable Length	4m
Input Voltage 230V Build / 195-270Vac 110V Build / 95-150Vac Input Frequency 50Hz (37-62Hz) Input Power 48VA-3.8kVA @ Nominal 40V output Efficiency 77% @ Nominal 40V output Output Voltage [Vac RMS] 8-48v Output Current [Continuous Aac RMS] 60A Stability +/- 1.5% of Welding Voltage Output Power 40W-3kW @ Nominal 40V output Welding Time Span 3-4000 seconds Operating temperature -20°C-50°C Environmental Protection IP54 Class II Data Download USB flash memory Languages Multiple Data Recording Capacity 2000 Records Each with 124 data point profile recording	Fusion Output Cable Length	3m
Input Frequency 50Hz (37-62Hz) Input Power 48VA-3.8kVA @ Nominal 40V output Efficiency 77% @ Nominal 40V output Output Voltage [Vac RMS] 8-48v Output Current [Continuous Aac RMS] 60A Stability +/- 1.5% of Welding Voltage Output Power 40W-3kW @ Nominal 40V output Welding Time Span 3-4000 seconds Operating temperature -20°C-50°C Environmental Protection IP54 Class II Data Download USB flash memory Languages Multiple Data Recording Capacity 2000 Records Each with 124 data point profile recording	Weight	22kg
Input Power 48VA-3.8kVA @ Nominal 40V output Efficiency 77% @ Nominal 40V output Output Voltage [Vac RMS] 8-48v Output Current [Continuous Aac RMS] 60A Stability +/- 1.5% of Welding Voltage Output Power 40W-3kW @ Nominal 40V output Welding Time Span 3-4000 seconds Operating temperature -20°C-50°C Environmental Protection IP54 Class II Data Download USB flash memory Languages Multiple Data Recording Capacity 2000 Records Each with 124 data point profile recording	Input Voltage	230V Build / 195-270Vac 110V Build / 95-150Vac
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Output Voltage [Vac RMS] 8-48v Output Current [Continuous Aac RMS] 60A Stability +/- 1.5% of Welding Voltage Output Power 40W-3kW @ Nominal 40V output Welding Time Span 3-4000 seconds Operating temperature -20°C-50°C Environmental Protection IP54 Class II Data Download USB flash memory Languages Multiple Data Recording Capacity 2000 Records Each with 124 data point profile recording	Input Power 48VA-3.	8kVA @ Nominal 40V output
Output Current [Continuous Aac RMS] 60A Stability +/- 1.5% of Welding Voltage Output Power 40W-3kW @ Nominal 40V output Welding Time Span 3-4000 seconds Operating temperature -20°C-50°C Environmental Protection IP54 Class II Data Download USB flash memory Languages Multiple Data Recording Capacity 2000 Records Each with 124 data point profile recording	Efficiency	77% @ Nominal 40V output
Stability +/- 1.5% of Welding Voltage Output Power 40W-3kW @ Nominal 40V output Welding Time Span 3-4000 seconds Operating temperature -20°C-50°C Environmental Protection IP54 Class II Data Download USB flash memory Languages Multiple Data Recording Capacity 2000 Records Each with 124 data point profile recording	Output Voltage [Vac RMS]	8-48v
Output Power 40W-3kW @ Nominal 40V output Welding Time Span 3-4000 seconds Operating temperature -20°C-50°C Environmental Protection IP54 Class II Data Download USB flash memory Languages Multiple Data Recording Capacity 2000 Records Each with 124 data point profile recording	Output Current [Continuous	Aac RMS] 60A
Welding Time Span 3-4000 seconds Operating temperature -20°C-50°C Environmental Protection IP54 Class II Data Download USB flash memory Languages Multiple Data Recording Capacity 2000 Records Each with 124 data point profile recording	Stability	+/- 1.5% of Welding Voltage
Operating temperature -20°C-50°C Environmental Protection IP54 Class II Data Download USB flash memory Languages Multiple Data Recording Capacity 2000 Records Each with 124 data point profile recording	Output Power 40W	/-3kW @ Nominal 40V output
Environmental Protection IP54 Class II Data Download USB flash memory Languages Multiple Data Recording Capacity 2000 Records Each with 124 data point profile recording	Welding Time Span	3-4000 seconds
Data Download Languages Multiple Data Recording Capacity Each with 124 data point profile recording	Operating temperature	-20°C-50°C
Languages Multiple Data Recording Capacity 2000 Records Each with 124 data point profile recording	Environmental Protection	IP54 Class II
Data Recording Capacity 2000 Records Each with 124 data point profile recording	Data Download	USB flash memory
Each with 124 data point profile recording	Languages	Multiple
	Each with 124 data point prof	



Code	Description
01-01-460	110v Pegasus Plus, hard case
01-01-461	230v Pegasus Plus, hard case
01-01-295	CalderSafe® Weld Data Analyser

