



Certificate of Compliance

Certificate: 70102269

Master Contract: 154649

Project: 70102269

Date Issued: 2016-10-27

Issued to: ITW Welding Group
1635 W Spencer St
Appleton, Wisconsin 54912-1079
USA

Attention: Therese Christianson-Plato

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: Sam Zaffino
Sam Zaffino

PRODUCTS

CLASS - C561103 - WELDING MACHINES

CLASS - C561183 - WELDING MACHINES-Certified to US Standards

PART A: Model MAXSTAR 161 STH Stick and TIG welding power sources rated as follows:

For 120V supply, single phase

TIG: DC min 5A, max 130A OCV 48V
130A / 15.2V 30% duty cycle
110A / 14.4V 60% duty cycle
90A / 13.6V 100% duty cycle

STICK: DC min 20A, max 90A OCV 48V
90A / 23.6V 30% duty cycle
75A / 23V 60% duty cycle
60A / 22.4V 100% duty cycle

For 240V supply, single phase:

TIG: DC min 5A, max 160A OCV 48V
160A / 16.4V 20% duty cycle
130A / 15.4V 60% duty cycle
110A / 14.4V 100% duty cycle



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STICK: DC min 20A, max 160A OCV 48V
160A / 26.4V 20% duty cycle
130A / 25.2V 60% duty cycle
110A / 24.4V 100% duty cycle

Single phase input current at:

120V: 23.2 Amax 14.7 Aeff
240V: 22.6 Amax 14.3 Aeff

PART B: Model: Maxstar 161 STL Stick and TIG welding power sources rated as follows:

For 120V supply, single phase

TIG: DC min 5A, max 130A OCV 48V
130A / 15.2V 30% duty cycle
110A / 14.4V 60% duty cycle
90A / 13.6V 100% duty cycle

STICK: DC min 20A, max 90A OCV 48V
90A / 23.6V 30% duty cycle
75A / 23V 60% duty cycle
60A / 22.4V 100% duty cycle

For 240V supply, single phase:

TIG: DC min 5A, max 160A OCV 48V
160A / 16.4V 20% duty cycle
130A / 15.4V 60% duty cycle
110A / 14.4V 100% duty cycle

STICK: DC min 20A, max 160A OCV 48V
160A / 26.4V 20% duty cycle
130A / 25.2V 60% duty cycle
110A / 24.4V 100% duty cycle

Single phase input current at:

120V: 23.2 Amax 14.7 Aeff
240V: 22.6 Amax 14.3 Aeff

PART C: Model: Maxstar 161 S Stick welding power sources rated as follows:

For 120V supply, single phase

STICK: DC min 20A, max 90A OCV 48V
90A / 23.6V 30% duty cycle
75A / 23V 60% duty cycle
60A / 22.4V 100% duty cycle

For 240V supply, single phase:

STICK: DC min 20A, max 160A OCV 48V
160A / 26.4V 20% duty cycle
130A / 25.2V 60% duty cycle
110A / 24.4V 100% duty cycle



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Single phase input current at:

120V: 23.2 Amax 14.7 Aeff

240V: 22.6 Amax 14.3 Aeff

APPLICABLE REQUIREMENTS

CAN/CSA – E60974-1:12 - Arc Welding Equipment; Part 1: Welding Power Source.
ANSI/IEC 60974-1: March 2008 - Arc Welding Equipment; Part 1: Welding Power Source
UL 60974-1 - Arc Welding Equipment; Part 1: Welding Power Sources



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
70102269	2016-10-27	Evaluation of subject model under the CPC program