



Certificate of Compliance

Certificate: 70114622

Master Contract: 154649

Project: 70179055

Date Issued: 2018-04-02

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

Attention: Terry Christianson-Plato

The products listed below are eligible to bear the CSA Mark shown



Issued by: *Sam Zaffino*
Sam Zaffino

PRODUCTS

CLASS - C561103 - WELDING MACHINES

CLASS - C561183 - WELDING MACHINES-Certified to US Standards

Part A: Model Dynasty 400 Stick and TIG welding power sources rated as follows:

For 208V – 575V supply, single phase, Stick or TIG

AC/DC min 5A, max 400A OCV 75V

300A / 32V 20% duty cycle

250A / 30V 60% duty cycle

200A / 28V 100% duty cycle

For 208V – 575V supply, three phase, Stick or TIG

AC/DC min 5A, max 400A OCV 75V

400A / 36V 20% duty cycle

300A / 32V 60% duty cycle

250A / 30V 100% duty cycle

Single phase input current at:

208V: 67 Amax 40 Aeff

230V: 60 Amax 36 Aeff

400V: 33 Amax 20 Aeff

460V: 28 Amax 17 Aeff

575V: 22 Amax 13 Aeff



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Three phase input current at:

208V:	55 Amax	28 Aeff
230V:	49 Amax	25 Aeff
380V:	29 Amax	15 Aeff
400V:	28 Amax	14 Aeff
460V:	24 Amax	13 Aeff
575V:	19 Amax	10 Aeff

Note: The installation of welding power sources not supplied with a plug is subject to approval of the Local Inspection Authority.

PART B: Models MAXSTAR 400, Stick and TIG welding power sources rated as follows:

For 208V – 575V supply, single phase, Stick or TIG

AC/DC min 5A, max 400A	OCV 75V
300A / 32V	20% duty cycle
250A / 30V	60% duty cycle
200A / 28V	100% duty cycle

For 208V – 575V supply, three phase, Stick or TIG

AC/DC min 5A, max 400A	OCV 75V
400A / 36V	20% duty cycle
300A / 32V	60% duty cycle
250A / 30V	100% duty cycle

Single phase input current at:

208V:	62 Amax	37 Aeff
230V:	55 Amax	33 Aeff
400V:	30 Amax	18 Aeff
460V:	26 Amax	18 Aeff
575V:	20 Amax	12 Aeff

Three phase input current at:

208V:	50 Amax	26 Aeff
230V:	45 Amax	23 Aeff
380V:	27 Amax	14 Aeff
400V:	25 Amax	13 Aeff
460V:	22 Amax	12 Aeff
575V:	17 Amax	9 Aeff

Part C: Model Dynasty 800 Stick and TIG welding power sources rated as follows:

For 208V – 575V supply, single phase, TIG

AC/DC min 5A, max 800A	OCV 75V
600A / 34V	20% duty cycle
500A / 30V	60% duty cycle
400A / 26V	100% duty cycle

For 208V – 575V supply, single phase, Stick

AC/DC min 5A, max 800A	OCV 75V
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500A / 40V 60% duty cycle
400A / 36V 100% duty cycle

For 208V – 575V supply, three phase, TIG
AC/DC min 5A, max 800A OCV 75V
800A / 34V 20% duty cycle
600A / 34V 60% duty cycle
500A / 30V 100% duty cycle

For 208V – 575V supply, three phase, Stick
AC/DC min 5A, max 750A OCV 75V
750A / 44V 20% duty cycle
600A / 44V 60% duty cycle
500A / 40V 100% duty cycle

Single phase input current at:

208V: 136 Amax 105 Aeff
230V: 122 Amax 94 Aeff
400V: 66 Amax 51 Aeff
460V: 57 Amax 44 Aeff
575V: 44 Amax 34 Aeff

Three phase input current at:

208V: 123 Amax 75 Aeff
230V: 111 Amax 66 Aeff
380V: 65 Amax 39 Aeff
400V: 62 Amax 37 Aeff
460V: 54 Amax 32 Aeff
575V: 43 Amax 26 Aeff

PART D: Models MAXSTAR 800, Stick and TIG welding power sources rated as follows:

For 208V – 575V supply, single phase, TIG
DC min 5A, max 800A OCV 75V
600A / 34V 20% duty cycle
500A / 30V 60% duty cycle
400A / 26V 100% duty cycle

For 208V – 575V supply, single phase, Stick
DC min 5A, max 800A OCV 75V
500A / 40V 60% duty cycle
400A / 36V 100% duty cycle

For 208V – 575V supply, three phase, TIG
DC min 5A, max 800A OCV 75V
800A / 34V 20% duty cycle
600A / 34V 60% duty cycle
500A / 30V 100% duty cycle

For 208V – 575V supply, three phase, Stick
DC min 5A, max 750A OCV 75V



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750A / 44V 20% duty cycle
600A / 44V 60% duty cycle
500A / 40V 100% duty cycle

Single phase input current at:

208V: 126 Amax 97 Aeff
230V: 112 Amax 87 Aeff
400V: 61 Amax 48 Aeff
460V: 53 Amax 41 Aeff
575V: 41 Amax 32 Aeff

Three phase input current at:

208V: 112 Amax 70 Aeff
230V: 102 Amax 62 Aeff
380V: 60 Amax 37 Aeff
400V: 57 Amax 35 Aeff
460V: 49 Amax 30 Aeff
575V: 39 Amax 24 Aeff

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 0-10	- General Requirements - Canadian Electrical Code, Part II
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
70179055	2018-04-02	Update to 70114622 to cover alt const
70160395	2017-10-25	Alt const to 70114622
70132908	2017-04-18	Original evaluation of models Dynasty/Maxstar 800 under the CPC program, update to 70114622
70114622	2016-12-21	Evaluation of Model Max/Dyn 400 under the CPC program