



Certificate of Compliance

Certificate: 70202981

Master Contract: 154649

Project: 70202981

Date Issued: 2018-11-06

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 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

Product Name: Part A: Model Dynasty 280, Dynasty 280 W/Insight Stick, TIG and MIG welding power sources rated as follows:

For 208V – 575V supply, single or three phase

TIG: AC: min 2A, max 280A	DC: min 1A, max 280A	OCV 60V
280A / 21.2V	40% duty cycle	
250A / 20.0V	60% duty cycle	
200A / 18.0V	100% duty cycle	
STICK AC: min 5A, max 280A	DC: min 5A, max 280A	OCV 60V
208V-230V		
280A / 31.2V	15% duty cycle	
180A / 27.2V	60% duty cycle	
145A / 25.8V	100% duty cycle	
STICK AC: min 5A, max 280A	DC: min 5A, max 280A	OCV 60V
380V-575V		
280A / 31.2V	35% duty cycle	
250A / 30.0V	60% duty cycle	



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200A / 28.0V 100% duty cycle
MIG: DC: min 15A, max 280A (208V-230V) OCV 60V
280A / 28.0V 20% duty cycle
200A / 24.0V 60% duty cycle
160A / 22.0V 100% duty cycle
MIG: DC: min 15A, max 280A (380V-575V) OCV 60V
280A / 28.0V 35% duty cycle
250A / 26.5V 60% duty cycle
200A / 24.0V 100% duty cycle

Single phase input current(A) at:

208V: 59.0 I_{max} 28.0 I_{eff}
220V: 56.0 I_{max} 26.0 I_{eff}
230V: 53.0 I_{max} 26.0 I_{eff}
380V: 32.0 I_{max} 20.0 I_{eff}
400V: 30.0 I_{max} 19.0 I_{eff}
460V: 25.0 I_{max} 16.0 I_{eff}
575V: 20.0 I_{max} 13.0 I_{eff}

Three phase input current(A) at:

208V: 34.0 I_{max} 18.0 I_{eff}
220V: 32.0 I_{max} 17.0 I_{eff}
230V: 31.0 I_{max} 16.0 I_{eff}
380V: 18.0 I_{max} 12.0 I_{eff}
400V: 17.0 I_{max} 11.0 I_{eff}
460V: 15.0 I_{max} 9.0 I_{eff}
575V: 12.0 I_{max} 8.0 I_{eff}

Product Name: Part B: Model Maxstar 280, Maxstar 280 DX Stick, TIG and MIG welding power sources

For 208V – 575V supply, single or three phase

TIG: DC: min 1A, max 280A OCV 60V
280A / 21.2V 40% duty cycle
250A / 20.0V 60% duty cycle
200A / 18.0V 100% duty cycle
STICK DC: min 5A, max 280A OCV 60V
208V-230V
280A / 31.2V 15% duty cycle
180A / 27.2V 60% duty cycle
145A / 25.8V 100% duty cycle
STICK DC: min 5A, max 280A OCV 60V
380V-575V
280A / 31.2V 35% duty cycle
250A / 30.0V 60% duty cycle
200A / 28.0V 100% duty cycle
MIG: DC: min 15A, max 280A (208V-230V) OCV 60V



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280A / 28.0V 20% duty cycle
200A / 24.0V 60% duty cycle
160A / 22.0V 100% duty cycle
MIG: DC: min 15A, max 280A (380V-575V) OCV 60V
280A / 28.0V 35% duty cycle
250A / 26.5V 60% duty cycle
200A / 24.0V 100% duty cycle

Single phase input current(A) at:

208V: 52.0 I_{max} 24.0 I_{eff}
220V: 49.0 I_{max} 23.0 I_{eff}
230V: 47.0 I_{max} 23.0 I_{eff}
380V: 28.0 I_{max} 19.0 I_{eff}
400V: 27.0 I_{max} 18.0 I_{eff}
460V: 23.0 I_{max} 16.0 I_{eff}
575V: 18.0 I_{max} 12.0 I_{eff}

Three phase input current(A) at:

208V: 31.0 I_{max} 16.0 I_{eff}
220V: 29.0 I_{max} 15.0 I_{eff}
230V: 28.0 I_{max} 14.0 I_{eff}
380V: 17.0 I_{max} 11.0 I_{eff}
400V: 16.0 I_{max} 10.0 I_{eff}
460V: 14.0 I_{max} 9.0 I_{eff}
575V: 11.0 I_{max} 7.0 I_{eff}

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



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
70202981	2018-11-06	Evaluation of model Dynasty Maxstar 280 under the CPC program