



Certificate of Compliance

Certificate: 1073839

Master Contract: 154649

Project: 70161421

Date Issued: 2017-11-06

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



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CLASS - C561101 - WELDING MACHINES
 CLASS - C561181 - WELDING MACHINES-Certified to US Standards

PART A:

Model SYNCROWAVE 250 DX (alternate name CYBERTIG 250 DX), CC.AC/DC Squarewave welding
 Power Source rated as follows:

OUTPUT :	200A, 28Vac, 60% duty cycle				250A, 28Vac, 40% duty cycle			
Input phase:	Single phase				Single phase			
Input Freq.:	50/60 HZ				50/60HZ			
Input Vac :	200	230	460	575	200	230	460	575
Input Amps w/o PFC at balanced rated output load :	88 (3.3 idle)	77 (2.8 idle)	38 (1.5 idle)	31 (1.1 idle)	110 (3.3 idle)	96 (2.8 idle)	48 (1.5 idle)	38 (1.1 idle)
Input Amps w/ PFC at balanced rated output load :	60 (55.3 idle)	52 (49.5 idle)	26 (24.5 idle)	21 (19.6 idle)	82 (55.3 idle)	71 (49.5 idle)	35 (24.5 idle)	28 (19.6 idle)
Maximum O.C.V :	80V				80V			

PART B:

Model SYNCROWAVE 350 LX, with alternate designations of AKWAVE 350LX, C/SW 350LX, CYBERTIG 350LX with the following ratings:

OUTPUT :	300A, 32Vac, 60% duty cycle				350A, 34Vac, 40% duty cycle			
Input phase:	Single phase				Single phase			
Input Freq.:	50/60 HZ				50/60HZ			
Input Vac :	200	230	460	575	200	230	460	575
Input Amps w/o PFC at balanced rated output load :	125 (3.3 idle)	110 (2.0 idle)	55 (1.7 idle)	42 (1.1 idle)	146 (3.3 idle)	128 (2.6 idle)	65 (1.7 idle)	50 (1.1 idle)
Input Amps w/ PFC at balanced rated output load :	92 (77 idle)	78 (69 idle)	38 (34 idle)	31 (27.2 idle)	114 (77 idle)	94 (69 idle)	47 (34 idle)	38 (27.2 idle)
Maximum O.C.V :	80V				80V			



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NOTE: The installation of equipment that is not supplied with power cord and plug is subject to approval of the Local Inspection Authority.

APPLICABLE REQUIREMENTS

CSA Std C22.2 No. 60-M1990	- Arc Welding Equipment
UL Std No. 551 7 th Ed	- Transformer Type Arc Welding Machines



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
70161421	2017-11-06	Update to 1073839 to cover alt const
2629474	2013-05-24	Update to cover alternate construction and report clarifications
2244228	2009-11-30	Update to cover alternate construction
1911089	2007-06-15	Update to 1073839 to cover optional cooler
1633352	2005-04-13	Alternate construction; add generic name (item2) correction to item 34 and 35, add cable hanger, coolant filler holder.
1218047	2004-08-16	Alternate construction to Enclosure.
1514070	2004-06-23	Alternate construction; combine model Syncrowave 350 LX from certificate 1048617 as PART B.