



## CH-M2400 Series

## Conduction Cooled Multiple Output AC/DC Power Supply



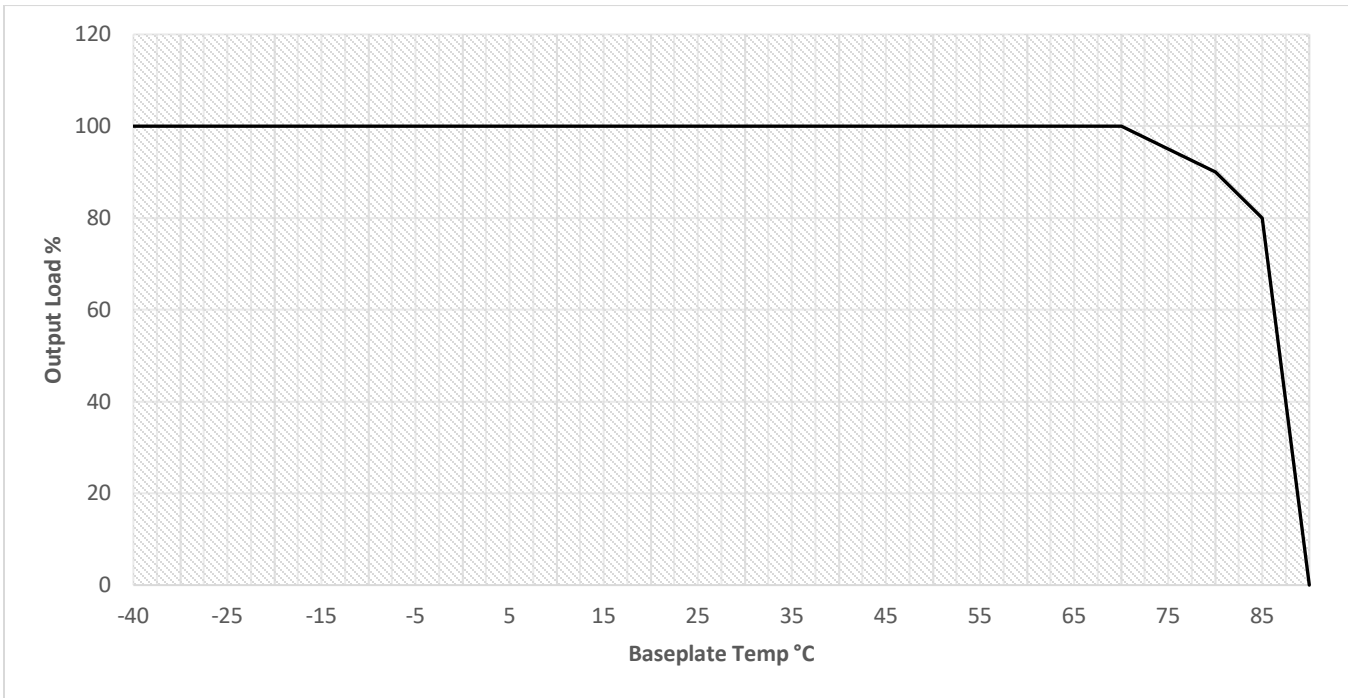
### FEATURES

- Conduction cooled
- Two Isolated Outputs, 2400 Watts Max
- 85~264 VAC input; 47~63 Hz (400 Hz Optional)
- D38999 Connectors
- Conformal Coated
- >20 msec holdup time
- Aluminum Enclosure-Conductive Chromate treated

INPUT			
Voltage/ Freq	Vrms		AC 85~264/ 47~63Hz,
Current	A(rms)		23A (typical at maximum output power, 110VAC in)
Inrush Current	A		55 A max at cold start Max
Power Factor	-		> 0.99 @ full load (115VAC & 22 VAC)
Leakage Current	mArms		< 3.3 mArms @ 115 VAC in

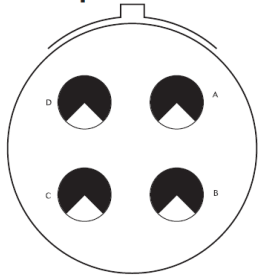
		CH-M2000-12xx	CH-M2400-24xx	CH-M2400-28xx	CH-M2400-48xx	
<b>OUTPUT</b>	Voltage 1st	VDC	12	24	28	48
	Current 1 <sup>st</sup>	A	84	50	46	25
	Voltage 2nd	VDC	12	22~25.5	26~33.5	9~55
	Current	A	84	46	46	25
	Efficiency 110 VAC Full Load	%	85	88	89	90
	Current	A	167	83.5	71.6	42
	Max Power	W	1425~2400			
	Regulation	%	+/-1.5	+/-1.5	+/-1.5	+/-1.5
	Ripple/Noise	% Pk-Pk	1.5	1.00	1.00	1.00
	Hold-up Time	mS	>20mS @ full load, 115 VAC			
	Insulation And Dielectric	Primary-Secondary	4242 VDC (3000 VAC)			
		Primary to Ground (Mounting holes or chassis)	>1500 VDC for 30 seconds			
		Output to Ground	>100MΩ at 25°C, 40%RH & 500VDC			





## DIMENSIONAL DRAWING-INTERFACE CONNECTORS

### J1-Input Connector



**J1: D38999/20WG75PN**

J1-A: Line  
J1-B: Neutral  
J1-C: Ground  
J1-D: N/C

### J2-Output Connector

Contact Factory for Output connector  
Options and interface

## DIMENSIONAL DRAWING

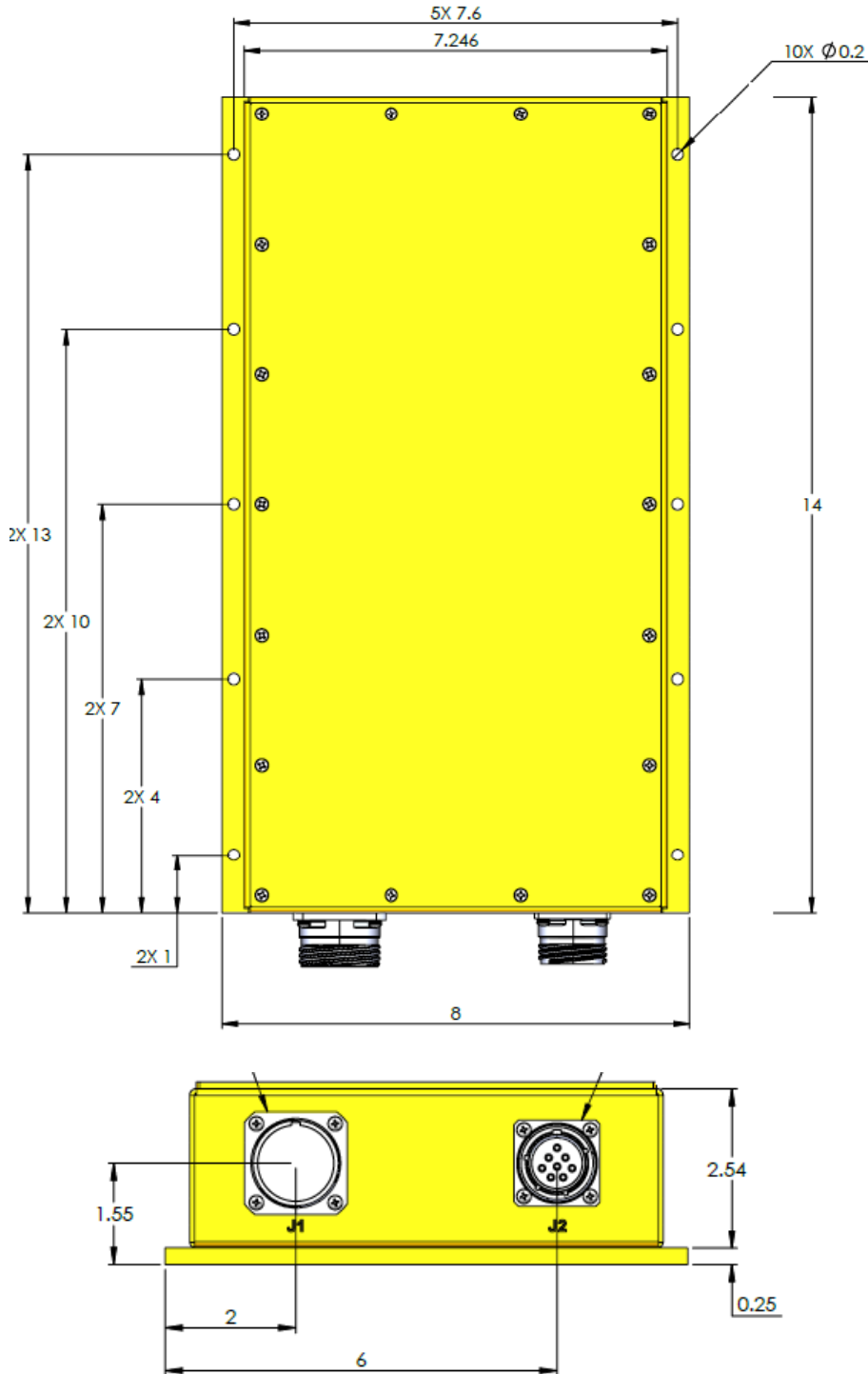
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\* Dimensions shown in inches

Specification subject to change without notification