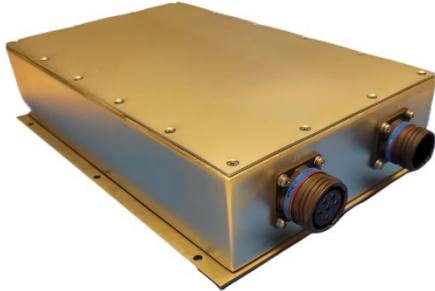




## CH-M1000 Series

## Conduction Cooled AC/DC Power Supply



### FEATURES

- Conduction cooled
- 1000 Watt
- 85~264 VAC input; 47~63Hz
- 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)		12A (typical at maximum output power, 115VAC in)
Inrush Current	A		35 A max at cold start
Power Factor	-		> 0.99 @ full load (115VAC & 22 VAC)
Leakage Current	mArms		< 3.3 mArms @ 115 VAC in

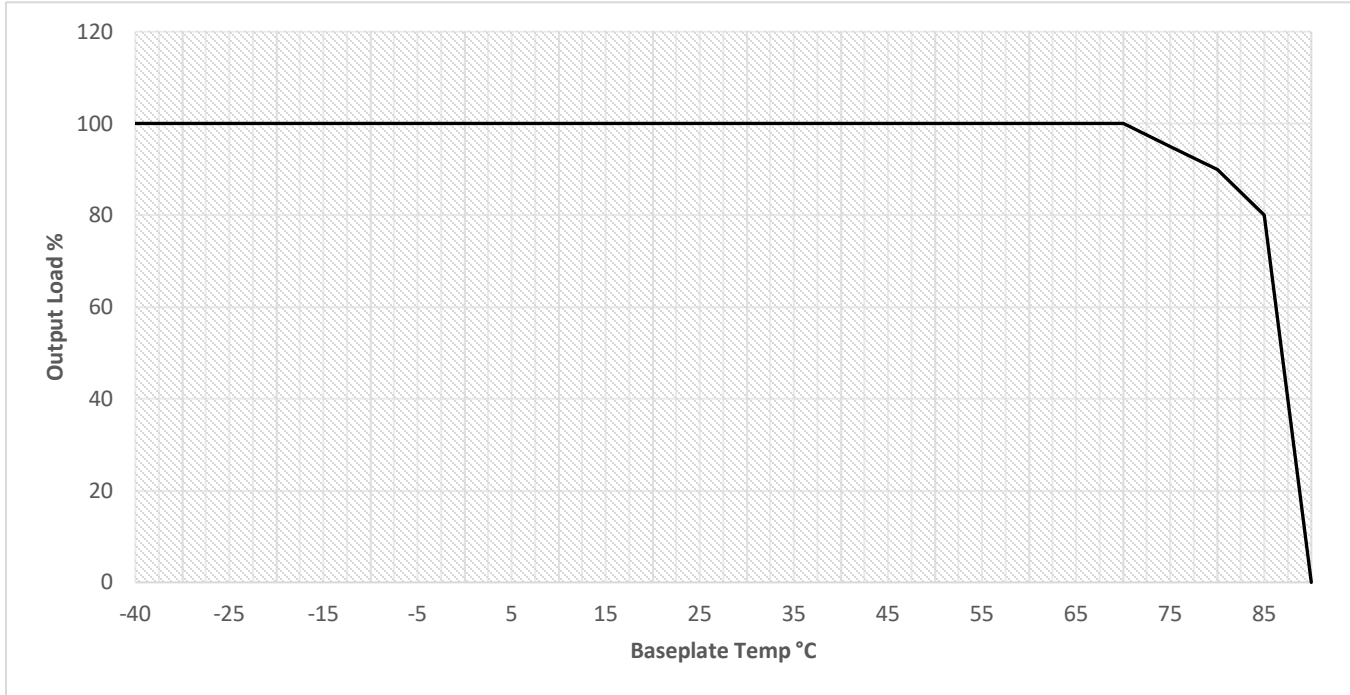
		CH-M1000-12	CH-M1000-24	CH-M1000-28	CH-M1000-48	
OUTPUT	Voltage	VDC	12	24	28	48
	Efficiency 110 VAC Full Load	%	85	88	89	90
	Current	A	83.4	41.7	35.8	20.84
	Max Power	W	1001	1001	1002	1000
	Regulation	%	+/-1.5	+/-1	+/-1	+/-1
	Ripple/Noise	% Pk-Pk	1.5	1.00	1.00	1.00
	Hold-up Time	mS	>20mS @ full load, 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				

Note: Full performance data information available upon request.

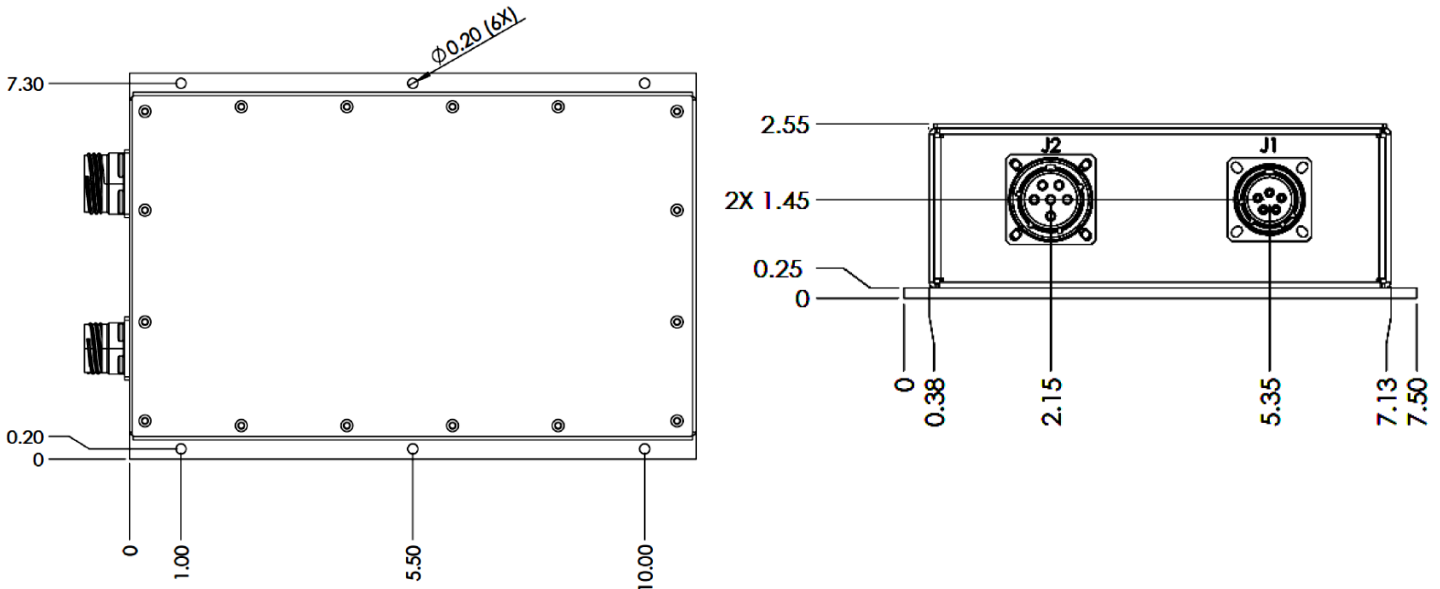




## DERATING



## DIMENSIONAL DRAWING



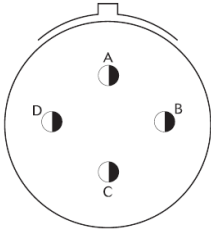
\* Dimensions shown in inches



## DIMENSIONAL DRAWING-INTERFACE CONNECTORS

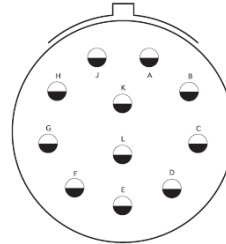
### -411 Option

Standard Connector for CH-M1000-12, 24, -28, -48 with Secondary Output Voltage



**J1: D38999/20WC04PN**

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

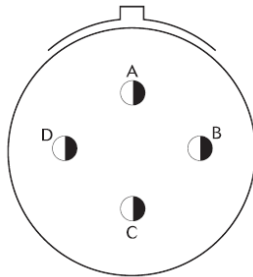


**J2: D38999/20WF11SN**

J2-A: +Vout  
 J2-B: +Vout  
 J2-C: +Vout  
 J2-D: +Vout  
 J2-E: N/C  
 J2-F: Vout RTN  
 J2-G: Vout RTN  
 J2-H: Vout RTN  
 J2-I: Vout RTN  
 J2-K: +Vout (Secondary) or N/C  
 J2-L: Vout RTN (Secondary) or N/C

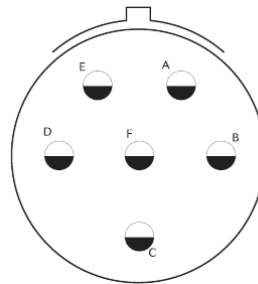
### -420 Option

Standard Connector for CH-M1000-24, -28, -48 Single DC Output



**J1: D38999/20WC04PN**

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



**J2: D38999/20WE6SN (24~48Vout)**

J2-A: +Vout  
 J2-B: +Vout  
 J2-C: +Vout  
 J2-D: Vout RTN  
 J2-E: Vout RTN  
 J2-F: Vout RTN

*Specification subject to change without notification*