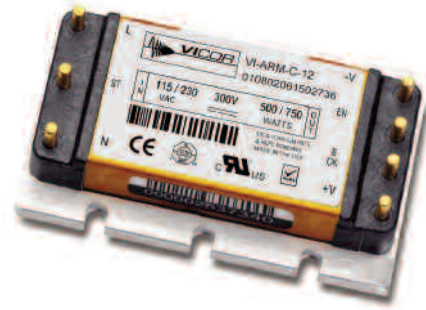


# ARM AC/DC Front End

500-1500 WATTS - AUTORANGING RECTIFIER MODULE

## FEATURES

- Autoranging Input
- Microprocessor Controlled
- 96-98% Efficiency
- 100°C Baseplate (no derating)
- Safety approvals
- Bus AC OK, Module Enable
- Inrush Limiting (no external circuitry)
- CE Marked



## SPECIFICATIONS

GENERAL		
Parameter	VI-ARM-C12	VI-ARM-C22
AC line input	90-132Vac to	180Vac to
	Autoranging	Autoranging
	47Hz to 63Hz	47Hz to 63Hz
Output power rating	500W:(90-132Vac)	1000W:(90-132Vac)
	750W:(180-264Vac)	1500W:(180-264Vac)
Efficiency	97%	
Inrush current	<15A, 132Vac	<30A, 132Vac(No external circuitry)
Isolation voltage	None, provided by DC/DC converters Input to Output	
Dielectric withstand	1,500 VRMS min (I/O to base plate)	
Leakage current	100µA (no filter)	

## STANDARDS

Safety UL60950, EN60950, CSA60950

## MECHANICAL

Dimensions 579 x 36.8 x 12.7mm

## PART NUMBER

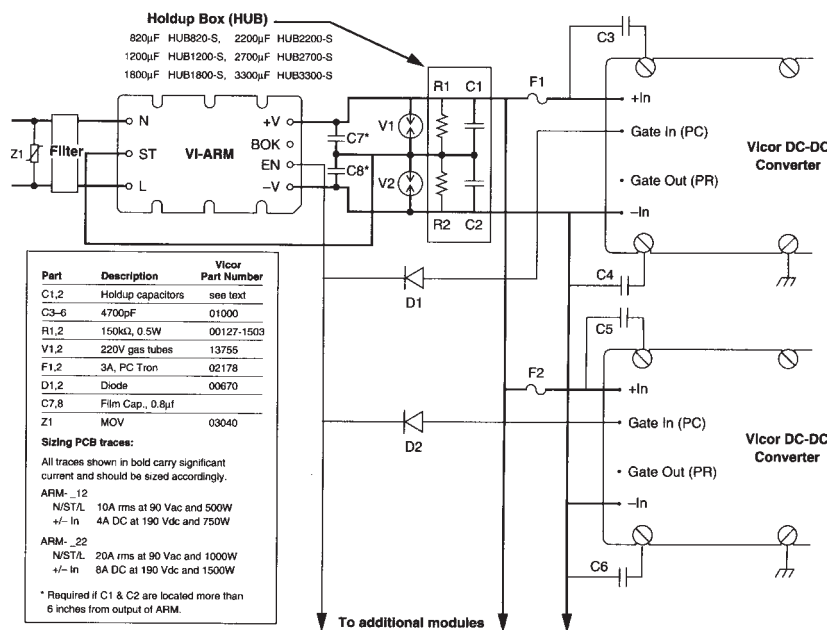
VI - ARM - C 1 2 3				
Product	Blank = 500 W / 750 W <sup>(a)</sup> B = 750 W / 1,500 W <sup>(b)</sup>	Product Grade E = -10 to +100°C C = -20 to +100°C T = -40 to +100°C <sup>(c)</sup> H = -40 to +100°C <sup>(c)</sup> M = -55 to +100°C	Type 1 = 500 W / 750 W 2 = 750 W / 1,500 W	Pin Style 1 = Short 2 = Long S = Short ModuMate N = Long ModuMate F = Short RoHS G = Long RoHS
				Baseplate Blank = Slotted 2 = Threaded 3 = Through hole

<sup>(a)</sup> Valid combination with Type 1 only

<sup>(b)</sup> Valid combination with Type 2 only

<sup>(c)</sup> T-Grade storage temp. is -40°C; H-Grade storage temp. is -55°C

## VI-ARM CONNECTION DIAGRAM - TYPICAL CONFIGURATION



DC-DC PCB MOUNTED CONVERTERS & POWER MODULES