

# VI-ARM

## AC INPUT - AUTORANGING

### FEATURES

- Autoranging Input
- Microprocessor Controlled
- 96-98% Efficiency
- 100°C Baseplate (no derating)
- UL, CSA, TÜV, VDE, BABT, CE Marked, C-Tick
- 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 vVoltage	None, it is provided by DC/DC converters Input to Output	
Input/output to baseplate	1,500VRMS	1,500VRMS

(Typical at TBP - 25°C unless otherwise specified)

#### STANDARDS AND APPROVALS

C-Tick AS/NZS CISPR11 Group 1 Class A

### Selection Table

#### -VI-ARM PART NUMBERS (BY PRODUCT GRADE)

Short pin		Long pin	
500W/750W	1000W/1500W	500W/750W	1000W/1500W
VI-ARM-C11	VI-ARM-C21	VI-ARM-C12	VI-ARM-C22
VI-ARM-T11	VI-ARM-T21	VI-ARM-T12	VI-ARM-T22

Dimensions:- 579 x 36.8 x 12.7mm

### Part Numbering

VI - ARM - C12

Product	Product Grade	Type	Pin Style
	E = -10 to +100°C	1 = 500 W / 750 W	1 = Short
	C = -20 to +100°C	2 = 1,000 W / 1,500 W	2 = Long
	T = -40 to +100°C*		S = Short ModuMate
	H = -40 to +100°C*		N = Long ModuMate
	M = -55 to +100°C		F = Short RoHS
			G = Long RoHS

\* T-Grade storage temp. is -40°C; H-Grade storage temp. is -55°C

### VI-ARM Connection Diagram - Typical Configuration

