

VP 115M Series MIL SPEC MODULAR PSU SYSTEM

115V Input

Power Factor Correction

Multiple outputs

MIL STD 461

MIL STD 704A-D

BITE

Integral Power Management

Up to 200Watt per module



INPUT		GENERAL	
<i>Input Voltage</i>	~ 98 to 132 volts Continuous	<i>Control I/O</i>	~ includes optional external sync PSU enable. Independent in circuit Programmable Logic outputs including POR, PFI, PHI, SYNC, UV Detect, Temp Shutdown. Outputs in spec indicator.
<i>Input Frequency</i>	~ 50 - 440Hz	<i>Hold Up</i>	~ Up to 10mS.
<i>Power Factor</i>	~ 0.99	<i>Efficiency</i>	~ 75%
<i>T.H.D.</i>	~ <10%	<i>EMC</i>	~ MIL STD 461C
<i>Inrush Current</i>	~ 12A per module	<i>Environmental</i>	~ -40 to +85C Cold wall 70,000 feet
<i>Under-Voltage</i>	~ Lock out at 70 volts	<i>Dimensions</i>	~ 190 X 110mm (40mm slot pitch)
<i>Transients</i>	~ Continues to operate through 180V MIL STD 704 transients	<i>Mounting</i>	~ Series 41 Wedge locks
<i>Connections</i>	~ Hypertac CMD236PMAY01H		

DIGITAL OUTPUTS		ANALOGUE OUTPUTS	
<i>Digital Voltages</i>	~ 1V8 to 5V	<i>Analogue Voltages</i>	~ 5 to +/- 30V
<i>Digital Current</i>	~ 0 to 25A	<i>Analogue Current</i>	~ 100mA to 2A
<i>Outputs</i>	~ 3max; 5V can be split into independent outputs.	<i>Isolated Outputs</i>	~ 2
<i>Conditioned 28V</i>	~ 1 (Maximum O/P Voltage Presettable from 29 to 40 Volts)	<i>Combined Load and Line Regulation</i>	~ +/-0.5% (10-100% load)
<i>Combined Load and Line Regulation</i>	~ +/-0.5% (0 - 100% load)	<i>SC Protection</i>	~ Yes
<i>Remote Sense</i>	~ Yes		
<i>SC Protection</i>	~ Yes		