

VP 28M Series MIL SPEC MODULAR PSU SYSTEM

28V Input

Multiple outputs

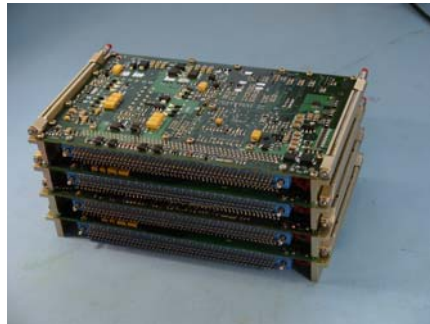
DEF STAN 59-41

MIL STD 704A-D

BITE

Integral Power Management

Up to 200Watt per module



<p>INPUT</p> <p><i>Input Voltage</i> ~ 16 -32 volts Continuous</p> <p><i>Inrush Current</i> ~ 20A per module</p> <p><i>Under-Voltage</i> ~ Lock out at 13 volts</p> <p><i>Reverse Polarity</i> ~ Input current < 1 mA</p> <p><i>Transients</i> ~ Continues to operate through MIL STD 1275 /DEF STAN 61-5 surges</p> <p><i>Connections</i> ~ Hypertac HPF149AMBK0020</p>		<p>GENERAL</p> <p><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. Outputs in spec indicator on all modules.</p> <p><i>Hold Up</i> ~ Up to 10mS.</p> <p><i>Efficiency</i> ~ 80%</p> <p><i>EMC</i> ~ DEF STAN 59-41</p> <p><i>Environmental</i> ~ -40 to +85C Cold wall 70,000 feet</p> <p><i>Dimensions</i> ~ 190 X 110mm (22mm slot pitch)</p> <p><i>Mounting</i> ~ Series 40 Wedge locks</p>	
<p>DIGITAL MODULE OUTPUTS</p> <p><i>Digital Voltages</i> ~ 1V8 to 5V</p> <p><i>Digital Current</i> ~ 0 to 15A</p> <p><i>Isolated Outputs</i> ~ 3 max</p> <p><i>Conditioned 28V</i> ~ 1 (Maximum O/P Voltage Presettable from 29 to 40 Volts)</p> <p><i>Combined Load and Line Regulation</i> ~ +/-0.5% (0 - 100% load)</p> <p><i>Remote Sense</i> ~ Yes</p> <p><i>SC Protection</i> ~ Yes</p>		<p>ANALOGUE MODULE OUTPUTS</p> <p><i>Analogue Voltages</i> ~ 3V3 to +/- 30V</p> <p><i>Analogue Current</i> ~ 100mA to 5A</p> <p><i>Isolated Outputs</i> ~ 7 max</p> <p><i>Conditioned 28V</i> ~ 1 (Maximum O/P Voltage Presettable from 29 to 40 Volts)</p> <p><i>Combined Load and Line Regulation</i> ~ +/-3% (10-100% load)</p> <p><i>SC Protection</i> ~ Yes</p>	