



VARITURN ELECTRO PRODUCTS (P) LTD.
HYDERABAD - 500 051, INDIA.

40W Quad output DC-DC Converter



Parameter	Specifications
Input voltage :	18-36VDC.
Output voltage and current	i. configurable from + 1.2V to +24V (Max 10W) ii. configurable from - 3.3V to -12V (Max 6W) iii. configurable from + 3.3V to +48V (Max 10W) iv. configurable from + 3.3V to +48V (Max 20W) (Maximum of 40W from the combination of 4 channels)
Line & Load regulation	Less the $\pm 2\%$ (no load to full load, -50 to 85 C
Ripple & Noise	50mVp-p (Typical)
Short circuit protection	Indefinite short circuit protection with auto recovery.
Efficiency	Up to 80%
Input transient protection	MIL STD# 1275A (100V for 50msec.) and MIL STD -704A &D (80V for 0.1Sec.)
Isolation	200V between input & output. 200V between input & Case. 100V between output & case.
Environmental (Qualification tests) :	Designed to meet MIL STD 810-G
High temperature	Operating up to :71 C Storage :85 C
Low temperature	Operating up to :-50 C Storage : -50 C
Humidity	+43 C and 95% RH
Shock	20g 11msec.
EMI-EMC :	Designed to meet MIL-STD-461E