



VARITURN ELECTRO PRODUCTS (P) LTD.

HYDERABAD - 500 051, INDIA.

220W Dual output DC-DC Converter



DC Input, Output Voltage and current	Model	Input voltage	Output-1	Output-2
	VI220-481205-2VC	18-72VDC.	+5V, 25A	+12V, 8A
	VI220-482412-2VC	18-72VDC.	+12V, 8A	+24V, 5A
	VI220-482405-2VC	18-72VDC.	+5V, 25A	+24V, 5A
	VI220-18120-2VC	9-36VDC.	+3.3V, 20A	+12V, 5A
	VI220-181803-2VC	9-36VDC.	+3.3V, 20A	+18V, 5A
	VI220-184803-2VC	9-36VDC.	+3.3V, 20A	+48V, 1.5A
	VI220-184818-2VC	9-36VDC.	+18V, 5A	+48V, 1.5A
	VI220-184812-2VC	9-36VDC.	+12V, 5A	+48V, 1.5A
	VI220-181812-2VC	9-36VDC.	+18V, 5A	+12V, 5A
	VI220-181812-2VC	9-36VDC.	+18V, 5A	+12V, 5A
	VI220-480503-2VC	36-72VDC.	+5V, 12A	+3.3V, 35A
Line & Load regulation	± 1.5%			
Ripple	50mVp-p (typical)			
Noise	< 1%			
Efficiency	Up to 93%			
Isolation	200V between input & output. 200V between input & Case. 100V between output & case.			
Temperature	Operation -40 to +85 C (when mounted on chassis or base plate)			
Environmental	Meets or exceeds MIL-STD-810D 1,50,000 Hrs. @ 85 C by part count method (MIL-STD-217F), (when mounted on chassis or base plate)			
RFI Filter	In- built.			
EMI/EMC	Meets MIL-STD-461 C			
Protections				
Input- Transient protection :	<p>MIL-STD-1275A (100V for 50ms)</p><p>MIL-STD-704 A & D (80V for 0.1s)</p>			
Current limiting	Continuous protection throughout operating duration.			
Over voltage protection	Over voltage protection & passive transorbs on output			
Over-temperature protection :	Shutdown at base plate temp of + 105 C (±5%) automatic recovery at base temp of +95 C (±5%)			
Interface/ mating connection	36 pin 2 row airborne connector.			
Mechanical Dimensions	137.16 X 78.69 X 15.5mm			