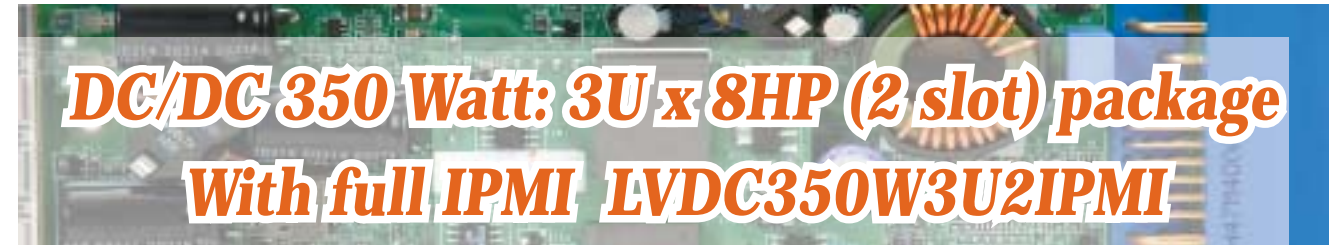




Pin #	Staging #	Signal Name	Description
1 - 4	M	V1	V1 Output
5 - 12	M	RTN	V1 and V2 Return
13 - 18	M	V2	V2 Output
19	M	RTN	V3 Return
20	M	V3	V3 Output
21	M	V4	V4 Output
22	M	RTN	Signal Return
23	M	RESERVED	Reserved
24	M	RTN	V4 Return
25	M	GAO	Geographic Address Bit 0
26	M	RESERVED	Reserved
27	S	EN#	Enable
28	M	GA1	Geographic Address Bit 1
29	M	V1 ADJ	V1 Adjust
30	M	V1 SENSE	V1 Remote Sense
31	M	GA2	Geographic Address Bit 2
32	M	V2 ADJ	V2 Adjust
33	M	V2 SENSE	V2 Remote Sense
34	M	S RTN	Sense Return
35	M	V1 SHARE	V1 Current Share
36	M	V3 SENSE	V3 Remote Sense
37	M	IPMB_SCL	IPMI bus signal clock
38	M	DEG#	Degrade Signal
39	M	INH#	Inhibit
40	M	IPMB_SDA	System Mgt bus
41	M	V2 SHARE	V2 Current Share
42	M	FAIL#	Fail Signal
43	M	IPMB_PWR	Power for IPMI bus
44	M	V3 SHARE	V3 Current Share
45	L	CGND	Chassis Ground (safety ground)
46	M	ACN/+DC IN	AC Input - Neutral; +DC Input
47	M	ACL/-DC IN	AC Input - Line; -DC Input

## 350 Watt DC-DC Compact PCI Power Supply Specification



New and Unique DC Model Very high output in a 3U x 2 slot package

### Features

- PICMG Spec 2.11 Compatible
- Full IPMI Functionality
- Universal DC telecom. input: 36-72VDC
- Redundant (N+1)
- Current Share
- Hot Swap
- Efficiency - greater then 85%
- P-47 Connector
- 5ms Hold up Time
- 2 Year Warranty

Output (VDC)	+5.0V	+3.3V	+12V	-12V
Output (A)	30A	40A	5A	1A

### Input Specifications

Voltage DC: 36V-72VDC  
 Input Current: less than 12A @ 36VDC  
 Power Up Time: less than 1sec. at full load

### Output Specifications

Voltage Tolerance: 3.3V, 5.0V, ±12V @ ±4%  
 <50mV p-p or 1%  
 Ripple and Noise: +3.3V, +5.0V, +12V  
 Remote sense: Overshoot <5%  
 Transient response: Recovery Time < 1Ms

Over voltage protection: 115%-125% of nominal  
 Over current protection: 120%-140%, auto recovery  
 Thermal Protection: Auto shutdown and recovery  
 IPMI Functionality: Voltage and Current monitoring on all outputs  
 Temperature monitoring, Feed Fail, Serial number, Geographical address, FRU table

Control Signals: Enable#, Inhibit#, Fail#, Degradation#



### Environmental Specifications

Operating Temperature: -5°C to +50°C  
 Full Power Cooling: 300 LFM at 50°C, No derating forced air vertical

Storage Temperature: -40°C to +85°C  
 Relative Humidity: 5% to 95% non-condensing

## Physical Specifications and Ratings

Connector: CPCI 47 PIN  
 Dimensions: 160mm X 100mm X 40mm  
 Weight: 650 gram  
 Front Panel: Aluminum, EMC with Gasket  
 Ejector: Latch

## Compliance

Safety: UL60950, EN60950  
 C-UL recognized File # E17032  
 EMI: Class B per FCC Part 15, EN55022

## Markings

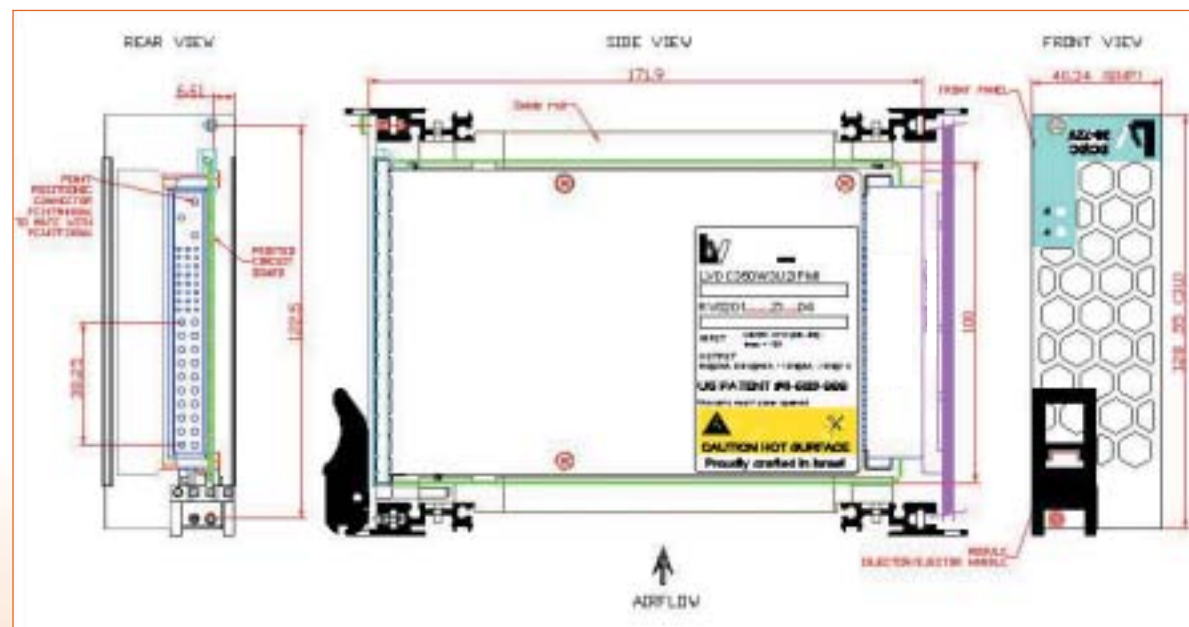


LED's on front panel: Input Green = Input Power On  
 Fault: Red = Failure

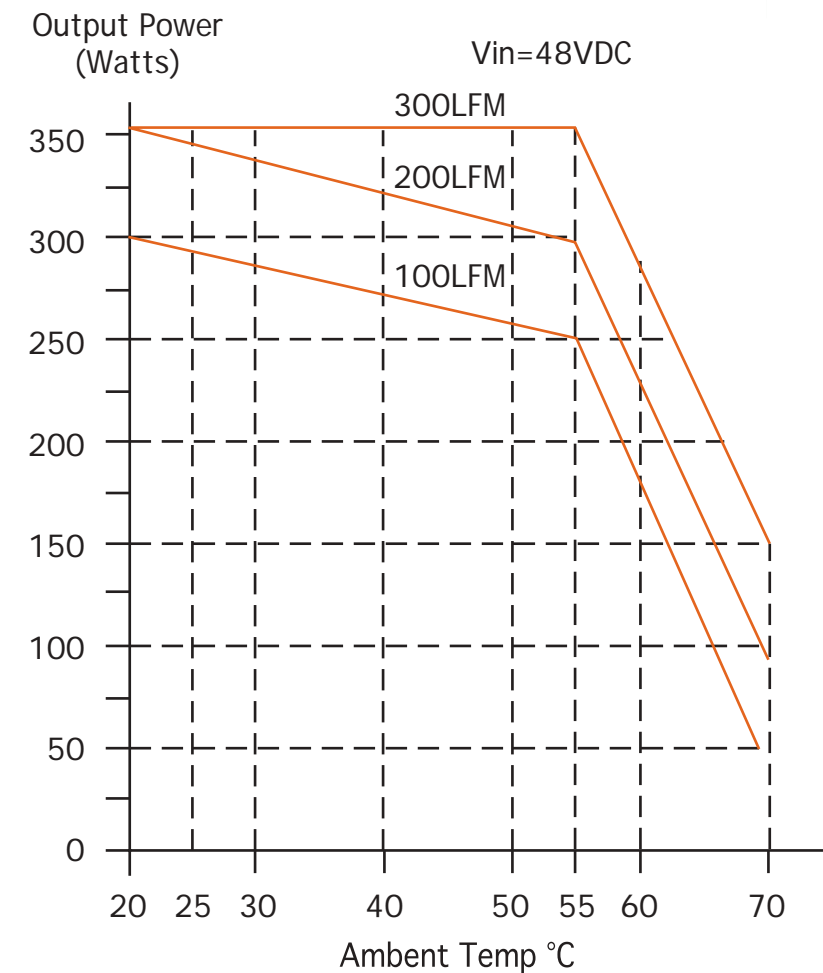
## How to Order

X = IPMI With IPMI functionality  
 X = Blank No IPMI functionality

## Mechanical Drawing

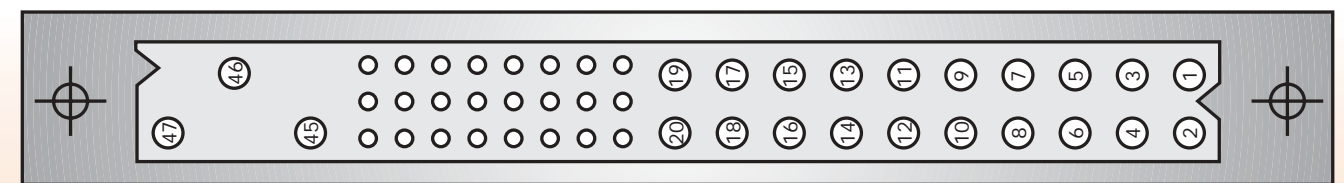


## Output Power vs Temperature and Airflow



Note: LFM is the airflow in feet per minute through the Power Supply fins and enclosure.

## Power Connector Pin Assignment



44 43 42  
 41 40 39  
 38 37 36  
 35 34 33  
 32 31 30  
 29 28 27  
 26 25 24  
 23 22 21