

# BPS-250RDDX/48

**-48V Input 450W PS/2 Type DC/DC Hot-Swap Redundant Power Supply**



## Features

AT or ATX output as optional  
Provide OVP, OLP protection  
Provide 1A for +5V VSB

## Application

Telecommunication environment  
Remote control unit

## Ordering Guide

- **BPS-250RDD/48**  
-48V DC input PS/2 type hot-swap redundant PSU
- **BPS-250RDDX/48**  
-48V DC input PS/2 type hot-swap ATX redundant PSU

## Specifications

◆ Input	Voltage	DC -40 to -56V				
	Current	8A				
◆ DC Output		+5V	+3.3V	+12V	-5V	-12V
	Max. Load	30A	15A	14A	0.5A	0.5A
	Min. Load	3A	3A	1A	0A	0A
	Max. Watt.	220W			10W	
	Load Reg.	+/-5%	+/-5%	+/-5%	+/-10%	+/-10%
	Cross Reg.	+/-5%	+/-5%	+/-5%	+/-10%	+/-10%
	Line Reg.	+/-1%	+/-1%	+/-1%	+/-1%	+/-1%
	Ripple	+/-1%	+/-1%	+/-1%	+/-1%	+/-1%
Noise	+/-1%	+/-1%	+/-1%	+/-2%	+/-2%	
◆ Efficiency	> 75% at full load					
◆ Holdup Time	16ms. at full load					
◆ Hi-Pot Test	1.5KVRMS, 60sec. from i/p to ground 3.0KVRMS, 60sec. from i/p to o/p					
◆ Over Voltage Protection	+5V: 5.6V ~ 6.5V/+12V: 12.6V ~ 15.6V					
◆ Over Load Protection	Total o/p 130% ~ 150%					
◆ MTBF	> 167,000 hrs					
◆ Safety Approval	UL, CUL, TUV, CE					
◆ Temperature/Humidity	Operating : 10 ~ 50°C, 20 ~ 90%RH Storage : -20 ~ 60°C, 5 ~ 95%RH					
◆ Dimension (WxDxH)	150x140x86 mm / 5.9"x5.5"x3.4" (RDD) 150x175x86 mm / 5.9"x6.9"x3.4" (RDDX)					