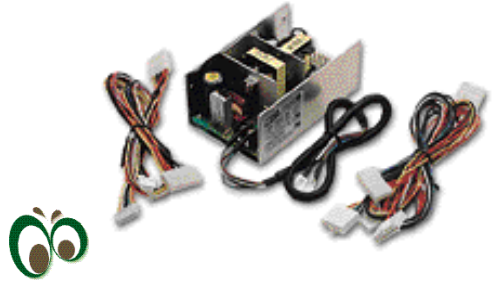


BPS-7004/24/12

70W Open Frame +24V or +12V DC to DC Power Supply

Specifications

◆ Input	Voltage	DC 18V to 30V for 24V input DC 10V to 18V for 12V input			
	Current	4A			
◆ DC Output		+5V	+12V	-5V	-12V
	Max. Load	7A	2.5A	0.3A	0.3A
	Min. Load	3A	1A	0A	0A
	Load Reg.	+/-5%	+/-5%	+/-10%	+/-10%
	Cross Reg.	+/-5%	+/-5%	+/-10%	+/-10%
	Line Reg.	+/-1%	+/-1%	+/-1%	+/-1%
	Ripple	+/-1%	+/-1%	+/-1%	+/-1%
Noise	+/-1%	+/-1%	+/-2%	+/-2%	
◆ Efficiency	> 70% 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: 5.15V ~ 6.45V/+12V: 12.6V ~ 15.6V				
◆ Over Load Protection	Total o/p 130% ~ 150%				
◆ MTBF	> 50,000hrs				
◆ Safety Approval	UL, CUL, TUV, CE				
◆ Temperature/Humidity	Operating : 10 ~ 50°C, 20 ~ 90%RH Storage : -20 ~ 60°C, 5 ~ 95%RH				
◆ Dimension (WxDxH)	80.6x127x50 mm / 3.2"x5"x2"				



BPS-7004 is a well designed PC PSU for those applications to equipment for boat, mobile and truck. Without the possibility of fan failure, it is more stable and reliable than any others.

Features

Max. output 70W
Open frame design to save space
Provide OVP, OLP protection

Application

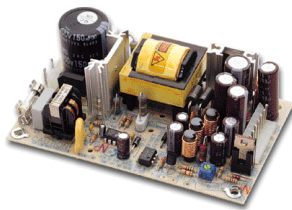
Compact chassis
Equipment
Panel PC

Ordering Guide

- **BPS-7004/24**
70W open frame 24V DC/DC converter
- **BPS-7004/12**
70W open frame 12V DC/DC converter

SNP-9F40

65W Universal Input Open Frame Power Module



SNP-9F40 is an open frame PSU used in those compact machine or equipment. It has been in the market for a long time because of its good reliability and quality.

Features

Universal AC input
Easy to install
Long life cycle

Application

Compact chassis
Equipment
Panel PC

Specifications

◆ Input	Voltage	AC 90 ~ 264V			
	Frequency	47 ~ 63 Hz			
	Current	1.5A@115V, 0.8A@230V			
◆ DC Output		+5V	+12V	-5V	-12V
	Max. Load	4A	3A	0.3A	0.3A
	Min. Load	0A	0A	0A	0A
	Max. Watt.	20W	36W	1.5W	3.6W
◆ Efficiency	>70%				
◆ 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	Crowbar, Trip point 6.2V +/-0.5V				
◆ Over Circuit Protection	Auto recover				
◆ Over Load Protection	Fold back				
◆ MTBF	281,000hrs				
◆ Temperature/Humidity	Operating : 0 ~ 50°C, 20 ~ 90%RH Storage : -20 ~ 60°C, 5 ~ 95%RH				
◆ Safety Approval	TUV, CSA, NRTL/C				
◆ Dimension (WxDxH)	127x76.2x36 mm / 5"x3"x1.4"				

Ordering Guide

- **SNP-9F40**
65W universal input power supply