

Power Supplies

Redundant Power Supplies Specifications



RPS-250-SADT/RPS-250-SDTB

Redundant AC-DC AT Type Power Supply

Specifications					
Input Range	AC 90 ~ 132 V/180 ~ 264 V @ 47 ~ 63 Hz, selectable				
Output Voltage	+5 V	+3.3 V	+12 V	-5 V	-12 V
	25 A (4 A Min.)	--	12 A (1 A Min.)	1 A	1 A
MTBF (hours)	250,000				
Safety	CSA/TUV				
Power Module Part No. (Accessories)	RPM-250				
Compatible with Advantech Products	RPS-250-SADT: IPC-615/IPC-6908 RPS-250-SDTB: IPC-610/IPC-6608				



RPS-300

Redundant AC-DC AT Type Power Supply

Specifications					
Input Range	AC 90 ~ 132 V/180 ~ 264 V @ 47 ~ 63 Hz, selectable				
Output Voltage	+5 V	+3.3 V	+12 V	-5 V	-12 V
	30 A (2 A Min.)	--	12 A (1 A Min.)	0.5 A	0.5 A
MTBF (hours)	100,000				
Safety	UL/CSA/TUV/CE				
Power Module Part No. (Accessories)	RPM-300				
Compatible with Advantech Products	IPC-622				



RPS-300V

Redundant Vertical type AC-DC AT Type Power Supply

Specifications					
Input Range	AC 90 ~ 132 V/180 ~ 264 V @ 47 ~ 63 Hz, selectable				
Output Voltage	+5 V	+3.3 V	+12 V	-5 V	-12 V
	30 A (2A Min.)	--	12 A (1 A Min.)	0.5 A	0.5 A
MTBF (hours)	100,000				
Safety	UL/CSA/TUV/CE				
Power Module Part No. (Accessories)	RPM-300				
Compatible with Advantech Products	IPC-623				



RPS-300DC48

Redundant DC-DC AT Type Power Supply

Specifications					
Input Range	DC -40 ~ -60 V				
Output Voltage	+5 V	+3.3 V	+12 V	-5 V	-12 V
	25 A (2 A Min.)	--	10 A (1 A Min.)	1 A	4 A
MTBF (hours)	100,000				
Safety	UL/CSA/TUV/CE				
Power Module Part No. (Accessories)	RPM-300DC48				
Compatible with Advantech Products	IPC-622				

PS/2 Power Supplies Specifications



PS-260-610E

AC-DC AT Type Power Supply

Specifications							
Input Range	AC 85 ~ 130 V/180 ~ 264 V @ 47 ~ 63 Hz, selectable 6.0/3.0 A						
Output Voltage	+5 V	+3.3 V	+5 V/3.3 V Total	+12 V	-5 V	-12 V	+5 Vsb
	25 A (1 A Min.)	--	--	9 A (0.1 A Min.)	0.5 A	2 A	--
MTBF (hours)	140,000						
Safety	UL/CSA/TUV						
Power Module Part No. (Accessories)	--						
Compatible with Advantech Products	IPC-610/IPC-602						



PS-310-DC48

DC-DC AT Type Power Supply

Specifications						
Input Range	DC -38 ~ -58 V/DC -48 V/10 A					
Output Voltage	+5 V	+3.3 V	+5 V/3.3 V Total	+12 V	-12 V	+5 Vsb
	25 A (3 A Min.)	--	10 A (1 A Min.)	1 A	4 A	--
MTBF (hours)	100,000					
Safety	UL/CE					
Power Module Part No. (Accessories)	--					
Compatible with Advantech Products	IPC-610/IPC-615/IPC-616/IPC-6908/IPC-602					

- CompactPC Enclosures 1
- CompactPC Boards 2
- CompactPC Peripherals 3
- Blade Servers 4
- Network Appliances 5
- e-Server Systems 6
- Storage Subsystems 7
- Industrial Computer Classes 8
- Full-sized CPU Cards 9
- Industrial Computer Peripherals 10

Power Supplies



RPS-400ATX-AC

Redundant AC-DC ATX Power Supply (Vertical Type)

Specifications							
Input Range	AC 90 ~ 132 V/180 ~ 264 V @ 47 ~ 63 Hz, selectable, AC 100 V ~ /AC 130 V 8 A/5 A						
Output Voltage	+5 V	+3.3 V	+5 V/3.3 V Total	+12 V	-5 V	-12 V	+5 Vsb
	42 A (25 A Min.)	20 A (0.2 A Min.)	210 W	14 A (0.5 A Min.)	1 A	1 A	0.75 A
MTBF (hours)	100,000						
Safety	UL/CUL/TUV/CE						
Power Module Part No. (Accessories)	RPM-400ATX-AC						
Compatible with Advantech Products	SPC-520P7						



RPS-400H-Z

Redundant AC-DC ATX Power Supply (Horizontal Type) with PFC

Specifications							
Input Range	AC 90 ~ 132 V/180 ~ 264 V @ 47 ~ 63 Hz, selectable, AC 100 V ~ /AC 230 V 8 A/5 A						
Output Voltage	+5 V	+3.3 V	+5 V/3.3 V Total	+12 V	-5 V	-12 V	+5 Vsb
	42 A (25 A Min.)	20 A (0.2 A Min.)	210 W	14 A (0.5 A Min.)	1 A	1 A	0.75 A
MTBF (hours)	100,000						
Safety	UL/CUL/TUV/CE						
Power Module Part No. (Accessories)	RPM-400H-Z						
Compatible with Advantech Products	IPC-622						



PS-250X-DPS

AC-DC ATX Type Power Supply

Specifications							
Input Range	AC 90 ~ 135 V/180 ~ 265 V @ 47 ~ 63 Hz, selectable 10.0/5.0 A						
Output Voltage	+5 V	+3.3 V	+5 V/3.3 V Total	+12 V	-5 V	-12 V	+5 Vsb
	25 A (2 A Min.)	14 A (0.3 A Min.)	140 W	8 A (1 A Min.)	0.5 A	0.8 A	1 A
MTBF (hours)	100,000						
Safety	UL/CUL/TUV/CE						
Power Module Part No. (Accessories)	--						
Compatible with Advantech Products	IPC-6908/IPC-6606/IPC-602						



PS-300ATX

AC-DC ATX Type Power Supply

Specifications							
Input Range	AC 90 ~ 135 V/180 ~ 265 V @ 47 ~ 63 Hz, selectable 10.0/5.0 A						
Output Voltage	+5 V	+3.3 V	+5 V/3.3 V Total	+12 V	-5 V	-12 V	+5 Vsb
	30 A (1 A Min.)	26 A	220 W	13 A (0.2 A Min.)	0.5 A	0.8 A	2 A
MTBF (hours)	100,000						
Safety	UL/CUL/TUV/CE/CB/BSMI						
Power Module Part No. (Accessories)	--						
Compatible with Advantech Products	IPC-610/IPC-615/IPC-616/IPC-6908/IPC-6606/IPC-602						



PS-300ATX-Z

AC-DC ATX Type Power Supply with PFC

Specifications							
Input Range	AC 100 ~ 127 V/200 ~ 240V @ 47 ~ 63 Hz, selectable 9.0/4.5 A						
Output Voltage	+5 V	+3.3 V	+5 V/3.3 V Total	+12 V	-5 V	-12 V	+5 Vsb
	30 A (1 A Min.)	24 A (0.3 A Min.)	--	15 A (0.5 A Min.)	0.3 A	0.8 A	2 A
MTBF (hours)	100,000						
Safety	UL/CUL/CSA/TUV/Nordic/CB/CE EN61000-3-2 Class D						
Power Module Part No. (Accessories)	--						
Compatible with Advantech Products	IPC-602/IPC-610/IPC-615/IPC-616/IPC-6908						



PS-400ATX

AC-DC ATX Type Power Supply

Specifications							
Input Range	AC 90 ~ 132 V/180 ~ 264 V @ 47 ~ 63 Hz, selectable 8.0/5.0 A						
Output Voltage	+5 V	+3.3 V	+5 V/3.3 V Total	+12 V	-5 V	-12 V	+5 Vsb
	42 A (2.5 A Min.)	20 A (0.2 A Min.)	230 W	14 A (0.5 A Min.)	1 A	1 A	0.75 A
MTBF (hours)	100,000						
Safety	UL/CUL/TUV/CE						
Power Module Part No. (Accessories)	--						
Compatible with Advantech Products	SPC-520MB						



PS-400ATX-Z

Specifications							
Input Range	AC 90 ~ 132 V/180 ~ 264 V @ 47 ~ 63 Hz, selectable 8.0/5.0 A						
Output Voltage	+5 V	+3.3 V	+5 V/3.3 V Total	+12 V	-5 V	-12 V	+5 Vsb
	42 A (2.5 A Min.)	20 A (0.2 A Min.)	230 W	14 A (0.5 A Min.)	1 A	1 A	0.75 A
MTBF (hours)	100,000						
Safety	UL/CUL/TUV/CE						
Power Module Part No. (Accessories)	--						
Compatible with Advantech Products	IPC-610F/IPC-615/IPC616/IPC-6908						



PS-400ATX-DC48

DC-DC ATX Type Power Supply

Specifications							
Input Range	DC -36 ~ -72 V/ DC -48 V 12A						
Output Voltage	+5 V	+3.3 V	+5 V/3.3 V Total	+12 V	-5 V	-12 V	+5 Vsb
	42 A (2.5 A Min.)	20 A	210 W	14 A (0.5 A Min.)	1 A	1 A	1 A
MTBF (hours)	100,000						
Safety	UL/TUV/CB						
Power Module Part No. (Accessories)	--						
Compatible with Advantech Products	OEM/ODM						

CompactPC Enclosures	1
CompactPC Boards	2
CompactPC Peripherals	3
Blade Servers	4
Network Appliances	5
e-Server Systems	6
Storage Subsystems	7
Industrial Computer Classes	8
Full-sized CPU Cards	9
Industrial Computer Peripherals	10

