

# Power Supplies

## Redundant Power Supply Specifications



### RPS-250-SADT/RPS-250-SDTB

Redundant AC-DC AT Power Supply

P/N: RPS-250-SADT/RPS-250-SDTB					
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/TÜV				
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 Power Supply

P/N: RPS-300					
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/TÜV/CE				
Power Module Part No. (Accessories)	RPM-300				
Compatible with Advantech Products	IPC-622				



### RPS-300V

Redundant Vertical AC-DC AT Power Supply

P/N: RPS-300V					
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/TÜV/CE				
Power Module Part No. (Accessories)	RPM-300				
Compatible with Advantech Products	IPC-623				



### RPS-300DC48

Redundant DC-DC AT Power Supply

P/N: RPS-300DC48					
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/TÜV/CE				
Power Module Part No. (Accessories)	RPM-300DC48				
Compatible with Advantech Products	IPC-622				

## PS/2 Power Supply Specifications



### PS-260-610E

AC-DC AT Power Supply

P/N: PS-260-610E							
Input Range	AC 85 ~ 130 V/180 ~ 264 V @ 47 ~ 63 Hz, selectable 6.0/3.0 A						
Output Voltage	+5 V 25 A (1 A Min.)	+3.3 V --	+5 V/3.3 V Total --	+12 V 9 A (0.1 A Min.)	-5 V 0.5 A	-12 V 2 A	+5 Vsb --
MTBF (hours)	140,000						
Safety	UL/CSA/TÜV						
Power Module Part No. (Accessories)	--						
Compatible with Advantech Products	IPC-610/IPC-602/IPC-6908						



### PS-310-DC48

DC-DC AT Power Supply

P/N: PS-310-DC48						
Input Range	DC -38 ~ -58 V/DC -48 V/10 A					
Output Voltage	+5 V 25 A (3 A Min.)	+3.3 V --	+5 V/3.3 V Total 10 A (1 A Min.)	+12 V 1 A	-12 V 4 A	+5 Vsb --
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					

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# Power Supplies



## RPS-400ATX-AC

Redundant AC-DC ATX Power Supply (Vertical Type)

P/N: RPS-400ATX-AC							
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 42 A (2.5 A Min.)	+3.3 V 20 A (0.2 A Min.)	+5 V/3.3 V Total 210 W	+12 V 14 A (0.5 A Min.)	-5 V 1 A	-12 V 1 A	+5 Vsb 0.75 A
MTBF (hours)	100,000						
Safety	UL/CUL/TÜV/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

P/N: RPS-400H-Z							
Input Range	AC 90 ~ 264 V @ 47 ~ 63 Hz, full-range 8 A/5 V						
Output Voltage	+5 V 42 A (2.5 A Min.)	+3.3 V 20 A (0.2 A Min.)	+5 V/3.3 V Total 210 W	+12 V 14 A (0.5 A Min.)	-5 V 1 A	-12 V 1 A	+5 Vsb 0.75 A
MTBF (hours)	100,000						
Safety	UL/CUL/TÜV/CE						
Power Module Part No. (Accessories)	RPM-400H-Z						
Compatible with Advantech Products	IPC-622						



## PS-250X-DPS

AC-DC ATX Power Supply

P/N: PS-250X-DPS							
Input Range	AC 90 ~ 135 V/180 ~ 265 V @ 47 ~ 63 Hz, selectable 10.0/5.0 A						
Output Voltage	+5 V 25 A (2 A Min.)	+3.3 V 14 A (0.3 A Min.)	+5 V/3.3 V Total 140 W	+12 V 8 A (1 A Min.)	-5 V 0.5 A	-12 V 0.8 A	+5 Vsb 1 A
MTBF (hours)	100,000						
Safety	UL/CUL/TÜV/CE						
Power Module Part No. (Accessories)	--						
Compatible with Advantech Products	IPC-6908/IPC-6606/IPC-602						



## PS-300ATX

AC-DC ATX Power Supply

P/N: PS-300ATX							
Input Range	AC 90 ~ 135 V/180 ~ 265 V @ 47 ~ 63 Hz, selectable 10.0/5.0 A						
Output Voltage	+5 V 30 A (1 A Min.)	+3.3 V 26 A	+5 V/3.3 V Total 220 W	+12 V 13 A (0.2 A Min.)	-5 V 0.5 A	-12 V 0.8 A	+5 Vsb 2 A
MTBF (hours)	100,000						
Safety	UL/CUL/TÜV/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 Power Supply with PFC

P/N: PS-300ATX-Z							
Input Range	AC 90 ~ 135 V/180 ~ 265V @ 47 ~ 63 Hz, full range 9.0/4.5 A						
Output Voltage	+5 V 30 A (1 A Min.)	+3.3 V 24 A (0.3 A Min.)	+5 V/3.3 V Total --	+12 V 15 A (0.5 A Min.)	-5 V 0.3 A	-12 V 0.8 A	+5 Vsb 2 A
MTBF (hours)	100,000						
Safety	UL/CUL/CSA/TÜV/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/IPC-6608						



## PS-400ATX

AC-DC ATX Power Supply

P/N: PS-400ATX							
Input Range	AC 90 ~ 132 V/180 ~ 264 V @ 47 ~ 63 Hz, selectable 8.0/5.0 A						
Output Voltage	+5 V 42 A (2.5 A Min.)	+3.3 V 20 A (0.2 A Min.)	+5 V/3.3 V Total 230 W	+12 V 14 A (0.5 A Min.)	-5 V 1 A	-12 V 1 A	+5 Vsb 0.75 A
MTBF (hours)	100,000						
Safety	UL/CUL/TÜV/CE						
Power Module Part No. (Accessories)	--						
Compatible with Advantech Products	SPC-520MB						



## PS-400ATX-Z

AC-DC ATX Power Supply with PFC

P/N: PS-400ATX-Z							
Input Range	AC 90 ~ 264 V @ 47 ~ 63 Hz, full range 8.0/5.0 A						
Output Voltage	+5 V 42 A (2.5 A Min.)	+3.3 V 20 A (0.2 A Min.)	+5 V/3.3 V Total 230 W	+12 V 14 A (0.5 A Min.)	-5 V 1 A	-12 V 1 A	+5 Vsb 0.75 A
MTBF (hours)	100,000						
Safety	UL/CUL/TÜV/CE						
Power Module Part No. (Accessories)	--						
Compatible with Advantech Products	IPC-610F/IPC-615/IPC-616/IPC-6908						



## PS-400ATX-DC48

DC-DC ATX Power Supply

P/N: PS-400ATX-DC48							
Input Range	DC -36 ~ -72 V/ DC -48 V 12A						
Output Voltage	+5 V 42 A (2.5 A Min.)	+3.3 V 20 A	+5 V/3.3 V Total 210 W	+12 V 14 A (0.5 A Min.)	-5 V 1 A	-12 V 1 A	+5 Vsb 1 A
MTBF (hours)	100,000						
Safety	UL/TÜV/CB						
Power Module Part No. (Accessories)	--						
Compatible with Advantech Products	OEM/ODM						

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