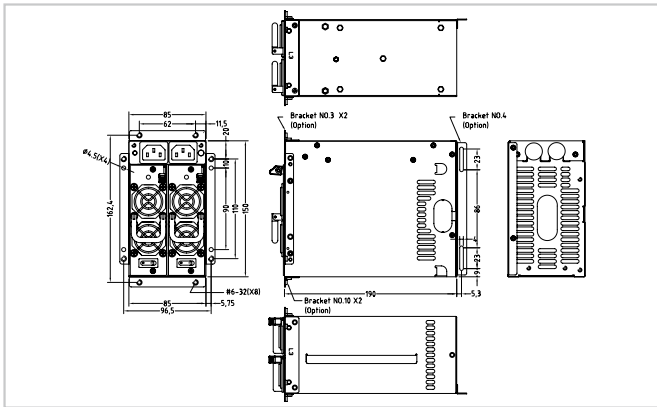


ACE-R4140AP

400 W ATX Mini Redundant Power Supply



Dimensions



Ordering Information

Part No.	Description
ACE-R4140AP-RS	400W Mini Redundant ATX Power Supply, with PFC
ACE-R4140AP1-RS	400W AC-DC ATX Redundant module, for ACE-R4140AP, with PFC

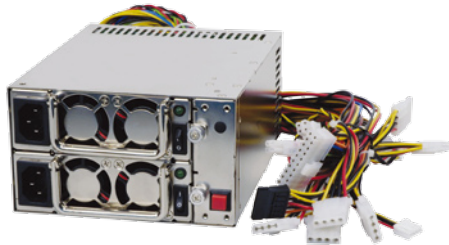


Specifications

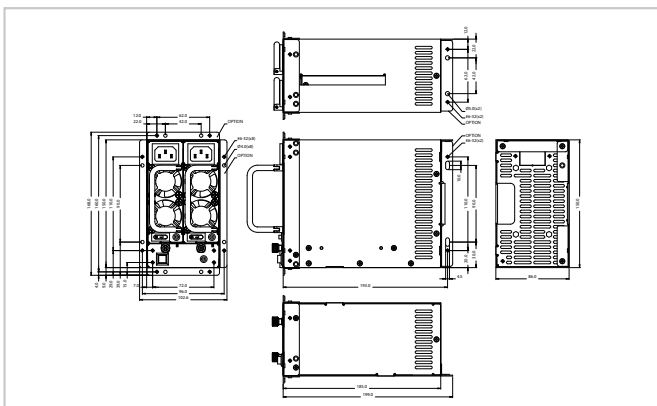
Input	Voltage	90 ~ 264 VAC Full Range		
	Frequency	47 Hz ~ 63 Hz		
	Input Current	8 A(RMS)@ 100 VAC, 4 A(RMS)@ 240 VAC		
	Inrush Current	80 A Max for 100 VAC, 12 0 Max for 240 VAC		
Output	Voltage	Min. load	Max. load	Ripple & Noise
	+5 V	2 A	25 A	50 mV P-P
	+12 V	2.5 A	30 A	120 mV P-P
	-12 V	0.1 A	0.8 A	120 mV P-P
	+3.3 V	2 A	25 A	50 mV P-P
	+5 Vsb	0.1 A	2 A	50 mV P-P
	+5 V, +12 V total current not exceed 150 W +3.3 V, +5 V, +12V total current not exceed 440 W			
Over-voltage Protection	+5 V output 5.7 V ~ 6.5 V +12 V output 13.3 V ~ 14.5 V +3.3 V output 3.9 V ~ 4.5 V			
Over Circuit Protection	+5 V output 10.5 V ~ 12.5V +12 V output 25.2 V ~ 30 V +3.3 V output 6.93 V ~ 8.25 V			
Short Circuit Protection	+3.3 V, +5 V, +12 V Shut down and latch off			
General Specification	Hold up Time	17 ms Min.		
	Efficiency	65% Min		
	MTBF	100,000 hours on max load at +25°C		
	Temperature	Operating : 0°C ~ 50°C, Storage : -40°C ~ 70°C		
	Dimensions	150 x 85 x 190 (mm)		
	Output Connector	20+4PIN ATX x1, 4PIN 12V CPU x1, HDD/ CDROM x8, FDD x2, SATA x2, Buzzer Reset x1, T.T.L signal x1, LED power x1		

ACE-R4130AP

300 W ATX Mini Redundant Power Supply



Dimensions



Ordering Information

Part No.	Description
ACE-R4130AP-RS	300 W Mini Redundant ATX Power Supply, with PFC
ACE-R4130AP1-RS	300 W AC-DC ATX Redundant module, for ACE-R4130AP, with PFC



Specifications

Input	Voltage	90 ~ 264 VAC Full Range		
	Frequency	47 Hz ~ 63 Hz		
	Input Current	6 A (RMS) @110 VAC, 3 A (RMS) @220 VAC		
	Inrush Current	60 A Max for 110 VAC, 80 A Max for 220 VAC		
Output	Voltage	Min. load	Max. load	Ripple & Noise
	+5 V	3 A	25 A	50mV P-P
	+12 V	2 A	16 A	120mV P-P
	-5 V	0 A	0.5 A	150mV P-P
	-12 V	0 A	0.5 A	150mV P-P
	+3.3 V	1 A	18 A	50mV P-P
	+5 Vsb	0.1 A	2 A	60mV P-P
*Total current of +5 V and + 3.3 V not exceed 35 A *Total current of +5 V , +3.3 V and +12 V not exceed 282 W				
Overvoltage Protection	+12 V : 13 V ~ 14.6 V +5 V : 5.7 V ~ 6.6 V +3.3 V : 3.9 V ~ 4.3 V			
Short Circuit Protection	Shut down and latch off			
General Specifications	Watt	300 W		
	PFC	Active		
	Hold-up Time	16 ms Min.		
	Efficiency	65% Min.		
	MTBF	160,000 hours		
	Temperature	Operating : 0 °C ~ 50 °C, Storage : -20 °C ~ 80 °C		
Dimensions	185 x 150 x 86 (mm), 7.28 x 5.91 x 3.39 (inch)			
Output Connector	20+4PIN ATX x1, 4PIN 12V CPU x1, HDD/ CDROM x8, FDD x2, SATA x2, Buzzer Reset x1, T.T.L signal x1, LED power x1			