

# ACE-828V/C/T PS/2 12V/24V/48V DC Input ATX Type

1  
Industrial  
Computing  
Solutions

2  
Embedded  
Computing  
Solutions

3  
RISC-Based  
Embedded  
Solutions

4  
Industrial  
Data  
Collector/  
Server  
Solutions

5  
Industrial  
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Collection

6  
I/O  
Communication  
Solutions

7  
Panel  
Solutions

8  
Power Supply/  
Network  
Communication/  
Peripherals



ACE-828V



ACE-828C



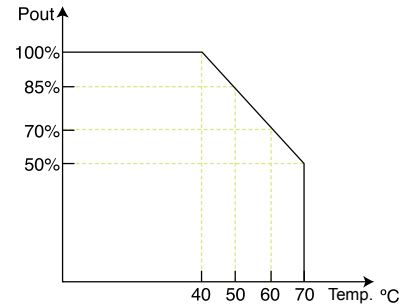
ACE-828T



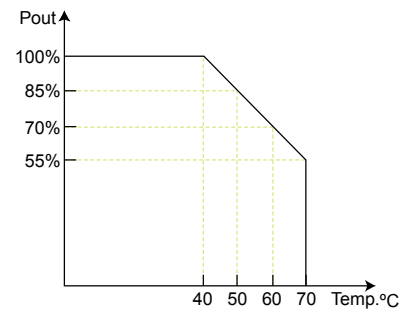
## Specifications

Product		ACE-828V	ACE-828C	ACE-828T	
Input	Input Type	9 ~ 16 VDC	18 ~ 32 VDC	-40 ~ -72 VDC	
	Input Current	50 A(RMS)@12VDC	20 A(RMS)@24VDC	10 A(RMS)@-48VDC	
	Inrush Current	-	5A Max for 24VDC	5A Max for -48VDC	
Output	Voltage	+3.3 V	8 A	8 A	
		+5 V	25 A (2 A min)	25 A (2 A min)	25 A (2 A min)
		+12 V	8 A (0.1 min)	7 A (0.1 min)	7 A (0.1 min)
		-5 V	0.5 A	0.5 A	0.5 A
		-12 V	1 A	1 A	1 A
		+5 Vsb	0.72 A	0.72 A	0.72 A
	Ripple & Noise	+5 V, +3.3 V output are less than 50mV +12 V, -5 V, -12 V, +5 Vsb output are less than 100mV			
Overvoltage protection	+5 V: 5.7 V ~ 7.0 V				
Short Circuit protection	Yes				
Overload protection	Yes				
Efficiency	65 %				
Temperature	-20 °C ~ 70 °C (Operating), -40 °C ~ 75 °C(Storage)				
MTBF(hrs)	97,000	120,000	110,000		
Power good signal	Turn on delay time 100 ms to 500 ms				
Output Connector	ACE-828V: 20PIN ATX x1, 4PIN 12V CPU x1, HDD/CDROM x3, FDD x2, Extra +5V(P10) x1 ACE-828C/T: 20PIN ATX x1, HDD/CDROM x5, FDD x2				

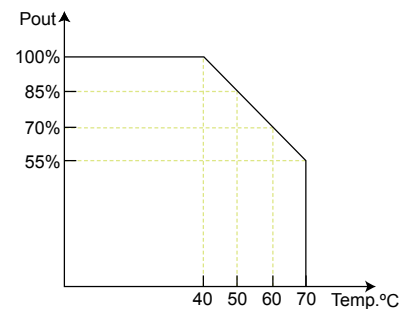
ACE-828V



ACE-828C



ACE-828T



## Ordering Information

Part No.	Description
ACE-828V-RS	250 W 12V DC input PS/2 Type ATX Power Supply
ACE-828C-RS	250 W 24V DC input PS/2 Type ATX Power Supply
ACE-828T-RS	250 W -48V DC input PS/2 Type ATX Power Supply