

COMMSCOPE PS3006

300 WATT AC POWER SUPPLY

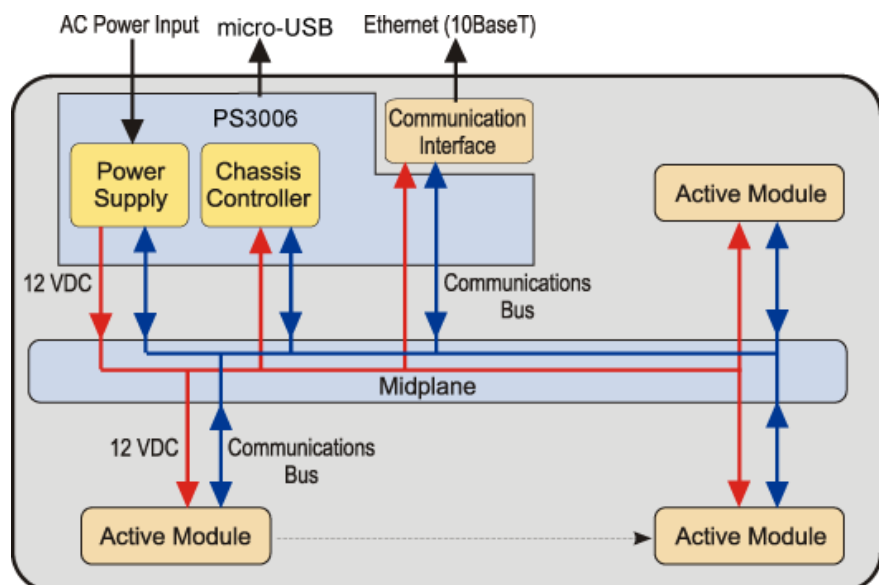
The PS3006 is a high performance, hot-swappable, 300 watt power supply and controller designed for the CH3000 chassis. The PS3006 accepts an AC input voltage in the continuous range from 100 to 240 volts at 50 to 60 Hz and provides 12 volts DC to the mid-plane bus of the CH3000 for distribution to chassis modules.

The PS3006 manages the communication on the mid-plane bus, providing user access to the alarm, control and monitoring features of the active modules in the chassis. For easy set-up of the CH3000, the PS3006 continuously polls and performs auto-discovery of all active modules in the chassis.



FEATURES

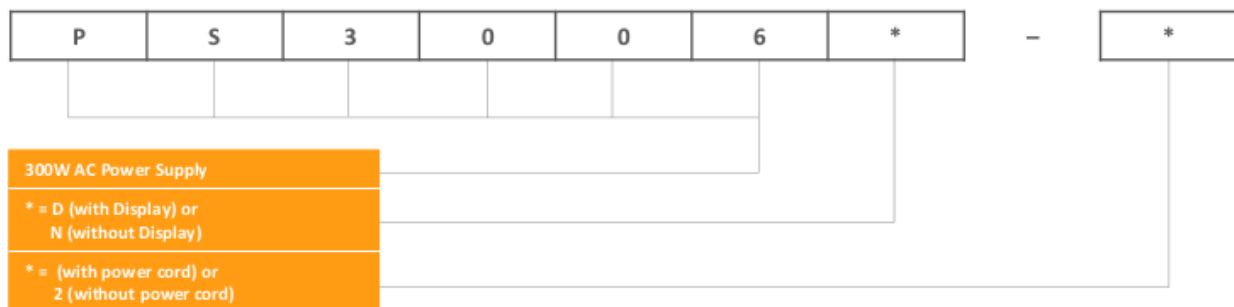
- 300 Watts
- Two models available Alphanumeric display (PS3006D), Status LEDs (PS3006N)
- Continuous AC input voltage range from 100 to 240 V, 50/60Hz
- High power factor, 0.95 at 120V
- Long hold-up time
- Hot swappable
- Supports redundant power supplies
- Occupies two full-depth slots
- Monitoring and control of chassis-resident active modules via micro-USB
- Monitors and detects chassis platform alarms
- PS3006D allows local monitoring and control without additional hardware
- Over temperature protection



SPECIFICATIONS

PHYSICAL		ENVIRONMENTAL	
Dimensions	13.0" D x 4.3" H x 2.0" W (3RU) (33 cm x 11 cm x 5 cm)	Operating temperature range	–20° to +65°C (–4° to 149°F)
		Storage temperature range	–40° to +85°C (–40° to 185°F)
Weight	3.1 lbs (1.4 kg)	Humidity	5% to 95% non-condensing
Space allocation	2 full-depth slots in CH3000 Chassis		
ELECTRICAL		INDICATOR LEDS ON MODEL PS3006N	
AC INPUT		Status LEDs: Green = OK Yellow = Non-service-affecting alarm Red = Service-affecting alarm Access Indicator LED: Blue = Lit during communication with chassis modules Back-Up P/S Indicator LED: Green = Lit if second power supply is present within chassis	
Rated Voltage	100 to 240 V, continuous		
Operating Voltage	90 to 264 VRMS, continuous		
Frequency	50/60 Hz		
Power factor	0.95 min. at full load		
Protection	Fuse, 8A/250V SLO-BLO		
DC OUTPUT			
Voltage	12.0 VDC nominal		
Current	25 Amps max. (300 Watts)		
Efficiency	83% typ. (120 VAC)		
Protection	Over-voltage and short circuit		
REGULATORY		GERNERAL	
IEC 60950-1; EN 60950-1; UL 60950-1 CSA C22.2 No. 60950-1 EN 55024 EN 55022, Class B VCCI V-3 FCC Part 15, Subpart B, Class B ICES-003, Class B		Hot swappable Over-temperature with auto-reset Front panel micro-USB port	

ORDERING INFORMATION



Required Module Back Plate

B	P	-	P	1
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Back Plate is included with ordered module

