PSU-0505 PSU-1205 PSU-2403

**FEATURES** 

70W PSU series power supply units are designed to supply the DC loads by converting 85-265VAC to 5V, 12V or 24V. The input is protected with a 3A fuse. The output is protected against short circuit and high output value. PSU series is DIN Rail mounted suitable for industrial applications.

	PARAMETER	PSU-0505	PSU-1205	PSU-2403
INPUT	AC Input Voltage:	85-265Vac	85-265Vac	85-265Vac
	DC Input Voltage:	120-400Vdc	120-400Vdc	120-400Vdc
	AC Input Frequency:	50 - 60Hz	50 - 60Hz	50 - 60Hz
	Efficiency:	>%80	>%80	>%80
OUTPUT	DC Output Voltage:	5.0V	12.0V	24.0V
	DC O/P Charge Current:	5A	5A	3A
	Output Power:	30W	60W	75W
	Output Voltage Ripple:	±%1	±%1	±%1
	Output Setting:	±%10	±%10	±%10
	Voltage Regulation:	±%1	±%1	±%1
	Load Regulation:	±%1	±%1	±%1
	Startup Time:	100ms	100ms	100ms



PARAMETER	PSU-0505	PSU-1205	PSU-2403
Input Protection:	With 3A Fuse	With 3A Fuse	With 3A Fuse
Output Short Circuit Protection:	With Electronic Protection	With Electronic Protection	With Electronic Protection
	Can Work Continuously	Can Work Continuously	Can Work Continuously
	In Short Circuit	In Short Circuit	In Short Circuit
	Condition	Condition	Condition
Output High Protection	Yes; With	Yes; With	Yes; With
	33V/1000Wpeak TVS	33V/1000Wpeak TVS	33V/1000Wpeak TVS
Warning by LEDs:	Yes; Green:	Yes; Green:	Yes; Green:
	Device Normally Running	<b>Device Normally Running</b>	Device Normally Running
AC/DC Conversation Method:	SMPS	SMPS	SMPS
	High Frequency	High Frequency	High Frequency
	Conversation	Conversation	Conversation
Working Frequency:	67kHz	67kHz	67kHz
Working Temperature	20C / +50C	20C / +50C	20C / +50C
Tromming Tomporators.	2007 1000	2007 1000	2007 1000
Working Humidity:	20-70%	20-70%	20-70%
Stock Temperature:	-20C / +70C	-20C / +70C	-20C / +70C
Stook formporature.	20071100	20071700	20071700
	Input Protection: Output Short Circuit Protection: Output High Protection Warning by LEDs: AC/DC Conversation Method: Working Frequency: Working Temperature:	Input Protection: Output Short Circuit Protection: With Electronic Protection Can Work Continuously In Short Circuit Condition Yes; With 33V/1000Wpeak TVS Warning by LEDs: Ves; Green: Device Normally Running AC/DC Conversation Method: SMPS High Frequency Conversation Working Frequency: 67kHz  Working Temperature: 20C / +50C  Working Humidity: 20-70%	Input Protection: Output Short Circuit Protection: With SA Fuse With 3A Fuse Output Short Circuit Protection: Can Work Continuously In Short Circuit Condition Output High Protection Warning by LEDs: Warning by LEDs: Warning by LEDs: AC/DC Conversation Method: Working Frequency: Working Temperature:  With 3A Fuse With 3A Fuse With SA Fuse San Work Continuously In Short Circuit Condition Yes; With SaV/1000Wpeak TVS Yes; Green: Device Normally Running SMPS High Frequency Conversation Forker Can Work Continuously In Short Circuit Condition Yes; With SaV/1000Wpeak TVS Yes; Green: Device Normally Running SMPS High Frequency Conversation Forker Can Work Continuously In Short Circuit Condition Yes; With SaV/1000Wpeak TVS Yes; Green: Device Normally Running Forker SMPS High Frequency Conversation Can Work Continuously In Short Circuit Condition Yes; With SaV/1000Wpeak TVS Yes; Green: Device Normally Running SMPS High Frequency Conversation Can Work Continuously In Short Circuit Condition Yes; With SaV/1000Wpeak TVS Yes; Green: Device Normally Running SMPS High Frequency Conversation Can Work Continuously In Short Circuit Condition Yes; With SaV/1000Wpeak TVS Yes; Green: Device Normally Running SMPS High Frequency Conversation Can Work Continuously In Short Circuit Condition Yes; With Sav/1000Wpeak TVS SW/1000Wpeak TVS Yes; Green: Device Normally Running SMPS High Frequency Conversation Condition