POWER SUPPLY UNIT

70W PSU Series

VTEKE®

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.



INPUT

PARAMETER	PSU-0505	PSU-1205	PSU-2403
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

MECHANICAL SPECS

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 Can Work Continuously In Short Circuit Condition	With Electronic Protection Can Work Continuously In Short Circuit Condition	With Electronic Protection Can Work Continuously In Short Circuit Condition
Output High Protection	Yes; With 33V/1000Wpeak TVS	Yes; With 33V/1000Wpeak TVS	Yes; With 33V/1000Wpeak TVS
Warning by LEDs:	Yes; Green: Device Normally Running	Yes; Green: Device Normally Running	Yes; Green: Device Normally Running
AC/DC Conversation Method:	SMPS High Frequency Conversation	SMPS High Frequency Conversation	SMPS High Frequency Conversation
Working Frequency:	67kHz	67kHz	67kHz

OPERATION COND

Working Temperature:	20C / +50C	20C / +50C	20C / +50C
Working Humidity:	20-70%	20-70%	20-70%
Stock Temperature:	-20C / +70C	-20C / +70C	-20C / +70C

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DIMENSIONS



