POWER SUPPLY UNIT

140W PSU Series

VTEKE®

FEATURES

140W PSU Series power supply units are designed to supply the DC loads by converting 85-265VAC to 6V, 12V or 24V. The input is protected with a 6A 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-0512	PSU-1212	PSU-2406
AC Input Voltage	85-265V AC	85-265V AC	85-265V AC
DC Input Voltage	120-400V DC	120-400V DC	120-400V DC
AC Input Frequency	50-60Hz	50-60Hz	50-60Hz
Efficiency	>%80	>%80	>%80

OUTPUT

PARAMETER	PSU-0512	PSU-1212	PSU-2406
DC Output Voltage	5.0V	12.0V	24.0V
DC Output Current	12A	12A	6A
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

OPERATION CONDITIONS

PARAMETER	PSU-0512	PSU-1212	PSU-2406
Input Protection	5.0V	12.0V	24.0V
Output Short Circuit Protection	With Electronic Protection	With Electronic Protection	With Electronic Protection
	Can Work Continuously In Short Circuit Condition	Can Work Continuously In Short Circuit Condition	Can Work Continuously In Short Circuit Condition
Output High Protection	Yes	Yes	Yes
	With 33V/1000W peak TVS	With 33V/1000W peak TVS	With 33V/1000W peak TVS
Warning by LEDs	Yes	Yes	Yes
	Green: Device Running Normally	Green: Device Running Normally	Green: Device Running Normally
AC/DC Conversion Method	SMPS	SMPS	SMPS
	High Frequency Conversion	High Frequency Conversion	High Frequency Conversion
Working Frequency	67kHz	67kHz	67kHz



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MECHANICAL SPECIFICATIONS

PARAMETER	PSU-0512	PSU-1212	PSU-2406
Working Temperature	-20°C / +50°C	-20°C / +50°C	-20°C / +50
Working Humidity	20-70%	20-70%	20-70%
Stock Temperature	-20°C / +70°C	-20°C / +70°C	-20°C / +70

DIMENSIONS

