

PS0624CPSMSC

24V, 6 Amps SMPS with rechargeable Circuit
and dual battery provision lockable MS enclosure

Description



The PS0624CPSMSC is a fully regulated switch mode power supply providing 24 Volts DC at 6 Amps along with the facility of charging the battery for back up. The high frequency action enables it to work smoothly on a very wide AC input Voltage range from 120 to 280 Volts with comparatively low power, high efficiency power supply.

TECHNICAL SPECIFICATIONS

Extends and supports power for additional fire alarm devices.

In case of AC fails, maintaining power to all attached devices without intervention.

LED lights for quick and easy diagnosis, troubleshooting, and status indication.

Support 12V, 7Ah Dual Battery with Low cut off indication.

Fully regulated and filtered power output.

Fire Interface with potential free output.

Battery quick start power supply

Push to restart output.

Over load cut off & Recovery.

Input Over & Under Voltage protection.

Thermal Shut down Protection and Recovery.

Short circuit and over voltage shutdown protection.

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TECHNICAL SPECIFICATIONS

OUTPUT	DC VOLTAGE	24V DC
	RATED CURRENT	6 Amp. Max
	RATED POWER	144 Watt
	CHARGING CURRENT	500 mAh.
	OUTPUT VOLTAGE ADJUSTMENT	± 10%
	RIPPLE & NOISE (max)	<50mv p-p
	VOLTAGE ADJ RANGE	24.2V DC - 26.2V DC
	VOLTAGE TOLERANCE	2.5%
INPUT	LINE REGULATION	<1%
	LOAD REGULATION	<1%
	VOLTAGE RANGE	120-280V AC
	FREQUENCE RANGE	45~55Hz
	INPUT OPERATING TEMP	0~55°C
	EFFICIENCY FULL LOAD & 230V AC	>85%
	AC CURRENT (Typ.)	800 mA
	LEAKAGE CURRENT	0.25mA (Max) S.F.C (.75mA)
PROTECTION	OVER LOAD	Yes
	OVER VOLTAGE	Yes
	ISOLATION BETWEEN I/O	3000V AC
	ISOLATION BETWEEN INPUT & EARTH	1500V
	ISOLATION BETWEEN OUTPUT & EARTH	1500V
ENVIRONMENT	WORKING TEMP.	55°C
	WORKING HUMIDITY	30%~40%
PHYSICAL	DIMENSION : L*W*H	310*305*75 (Size are in mm)
	WEIGHT	2.300 Kg.

Specification can be change according to device upgradation*