

Measurement & Control with optimum performance

Since 1986



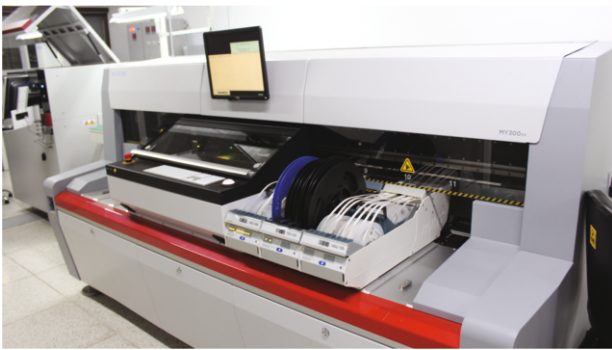
Power Supplies

From 12W to 240W



Infrastructure

Established in 1986, Multispan has grown significantly as a professionally managed organization. The company has a proven track record of performance & quality of its products till date. Over the years, Multispan has developed proficiency in product design, product development and product testing, with vertically integrated manufacturing facility, infrastructure and a cutting edge, 30 member strong R&D division, with over 3000 software applications, 200+ standard products and 100+ customized products.



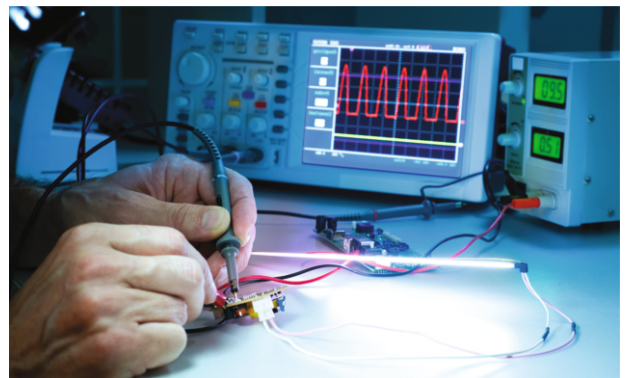
Electronic Assembly
Fully Integrated SMT Line



Plastic Enclosure Manufacturing
In-house Injection Moulding



Testing & Quality Control



Reliability Laboratory



PS24-10A

Power 240W

Efficiency > 93% @230V AC

Input Specification

Supply Voltage	100 to 270V AC (L-N)
Frequency Range	50 / 60Hz
Power Factor	> 0.95 @ Full Load
AC Current (TYP.)	2.7A@100V AC, 1.2A@230V AC
Efficiency (TYP.)	>93%@230V AC
Start UP time	<2 sec@230V AC (Full Load)

Protection Parameters

Input Fuse	4A-250V AC Internal
Output Over Load	110% to 140% of rated output Current protection Protection Type : hiccup mode; recover automatically after fault condition is removed
Output Short Circuit	Hiccup mode when output is shorted;Recovers automatically after fault condition is removed.
Output Over Voltage	SMPS Latches off if output voltage 31V DC \pm 0.5V DC
Over Temperature	Power supply shuts down when the temperature goes above specified limit; Turns on automatically after temperature goes back to Normal operating conditions.

Output Specification

Nominal DC Voltage	24V DC
Output Voltage	24 - 28V DC
Output Current	10A at 24V; 8.57A at 28V
Ripple & noise (max)	<1% of V out
Line Regulation	\pm 0.5%
Load Regulation	\pm 1%
Hold UP Time	>13ms at 24V @ 100 /230V AC (Full Load)

Physical Data

Mounting Type	Din Rail Mount
Size (HxWxD)mm	125 x 55 x 135
Material	Polycarbonate
Weight	625 gms

DC OK Signal

Contact closes @ 23.0V (typ.)

Contact opens @ 22.5V (typ.)

Contact Rating : 30V DC 1A ; 60V DC 0.5A ; 125V AC 0.5A ;
resistive load , min. current 1 mA



PS24-6.5A

Power 156W

Efficiency > 90% @230V AC

Input Specification

Supply Voltage	100 to 270V AC \pm 10%,(L-N)
Frequency Range	50 / 60Hz
AC Current (TYP.)	2.5A@100V AC, 1.1A@270V AC
Efficiency (TYP.)	>90%@230V AC
Start UP time	<1 sec@230V AC & <3 sec@100VAC (Full Load)

Output Specification

Output Voltage	23 - 28V DC
Output Current	6.5A at 24V; 5.57A at 28V
Ripple & noise	<1% of V out
Line Regulation	\pm 1%
Load Regulation	\pm 1%
Hold UP Time	<60ms at 230V AC & >15ms at 100V AC (Full Load)

Protection Parameters

Input Fuse	5A-250V AC Internal
Output Over Load	110% to 120% of rated output Current protection Protection Type : hiccup mode; recover automatically after fault condition is removed
Output Short Circuit	Hiccup mode when output is shorted;Recovers automatically after fault condition is removed.
Output Over Voltage	SMPS Latches off if output voltage Exceeds the specified output voltage Limits.
Over Temperature	Power supply shuts down when the temperature goes above specified limit; Turns on automatically after temperature goes back to Normal operating conditions.
Isolation between Input and Output	2.5 KV

Physical Data

Mounting Type	Din Rail Mount
Size (HxWxD)mm	105 x 45 x 110
Material	Front - ABS
	Enclosure - Aluminium
Weight	425 gms



PS24-5A

Power 120W

Efficiency > 89% @230V AC

Input Specification

Supply Voltage	100 to 270V AC \pm 10%,(L-N)
Frequency Range	50 / 60Hz
AC Current (TYP.)	2.1A@100V AC, 0.95A@270V AC
Efficiency (TYP.)	>89%@230V AC
Start UP time	<1 sec@230V AC & <3 sec@100VAC (Full Load)

Output Specification

Output Voltage	23 - 28V DC
Output Current	5A at 24V; 4.29A at 28V
Ripple & noise	<1% of V out
Line Regulation	\pm 1%
Load Regulation	\pm 1%
Hold UP Time	<60ms at 230V AC & >15ms at 100V AC (Full Load)

Protection Parameters

Input Fuse	3.15A-250V AC Internal
Output Over Load	110% to 120% of rated output Current protection Protection Type : hiccup mode; recover automatically after fault condition is removed
Output Short Circuit	Hiccup mode when output is shorted;Recovers automatically after fault condition is removed.
Output Over Voltage	SMPS Latches off if output voltage Exceeds the specified output voltage Limits.
Over Temperature	Power supply shuts down when the temperature goes above specified limit; Turns on automatically after temperature goes back to Normal operating conditions.
Isolation between Input and Output	2.5 KV

Physical Data

Mounting Type	Din Rail Mount
Size (HxWxD)mm	105 x 45 x 110
Material	Front - ABS Enclosure - Aluminium
Weight	425 gms



PS24-2.5A

Power 60W

Efficiency > 89% @230V AC

Input Specification

Supply Voltage	100 to 270V AC \pm 10%,(L-N)
Frequency Range	50 / 60Hz
AC Current (TYP.)	0.930A@100V AC, 0.470A@270V AC
Efficiency (TYP.)	>89%@230V AC
Start UP time	<1 sec@230V AC & <3 sec@100VAC (Full Load)

Output Specification

Output Voltage	23 - 28V DC
Output Current	2.5A at 24V; 2.1A at 28V
Ripple & noise	<1% of V out
Line Regulation	\pm 1%
Load Regulation	\pm 1%
Hold UP Time	<60ms at 230V AC & >15ms at 100V AC (Full Load)

Protection Parameters

Input Fuse	3.15A-250V AC Internal
Output Over Load	110% to 120% of rated output Current protection Protection Type : hiccup mode; recover automatically after fault condition is removed
Output Short Circuit	Hiccup mode when output is shorted;Recovers automatically after fault condition is removed.
Output Over Voltage	SMPS Latches off if output voltage Exceeds the specified output voltage Limits.
Over Temperature	Power supply shuts down when the temperature goes above specified limit; Turns on automatically after temperature goes back to Normal operating conditions.
Isolation between Input and Output	2.5 KV
Surge Protection	Pulse 1.2/50 μ S Line To Neutral : 2 KV Line To Earth : 2 KV

Physical Data

Mounting Type	Din Rail Mount
Size (HxWxD)mm	90 x 45 x 84
Material	Polycarbonate
Weight	235 gms



PS24-1.5A

Power 36W

Efficiency > 85% @230V AC

Input Specification

Supply Voltage	100 to 270V AC±10%,(L-N)
Frequency Range	50 / 60Hz
AC Current (TYP.)	0.650A@100V AC, 0.320A@270V AC
Efficiency (TYP.)	>85%@230V AC
Start UP time	<1 sec@230V AC & <3 sec@100VAC (Full Load)

Output Specification

Output Voltage	24V DC
Output Current	1.5A at 24V
Ripple & noise	<1% of V out
Line Regulation	±1%
Load Regulation	±1%
Hold UP Time	<60ms at 230V AC & >15ms at 100V AC (Full Load)

Protection Parameters

Input Fuse	3.15A-250V AC Internal
Output Over Load	110% of rated output Current protection Protection Type : hiccup mode; recover automatically after fault condition is removed
Output Short Circuit	Hiccup mode when output is shorted;Recovers automatically after fault condition is removed.
Over Temperature	Power supply shuts down when the temperature goes above specified limit; Turns on automatically after temperature goes back to Normal operating conditions.
Isolation between Input and Output	2.5 KV

Physical Data

Mounting Type	Din Rail Mount
Size (HxWxD)mm	76 x 27 x 85
Material	Polycarbonate
Weight	140 gms



PS24-1A

Power 24W

Efficiency > 85% @230V AC

Input Specification

Supply Voltage	100 to 270V AC \pm 10%,(L-N)
Frequency Range	50 / 60Hz
AC Current (TYP.)	0.49A@100V AC, 0.24A@270V AC
Efficiency (TYP.)	>85%@230V AC
Start UP time	<1 sec@230V AC & <3 sec@100VAC (Full Load)

Output Specification

Output Voltage	24V DC
Output Current	1A at 24V
Ripple & noise	<1% of V out
Line Regulation	\pm 1%
Load Regulation	\pm 1%
Hold UP Time	<60ms at 230V AC & >15ms at 100V AC (Full Load)

Protection Parameters

Input Fuse	2A-250V AC Internal
Output Over Load	110% to 120% of rated output Current protection Protection Type : hiccup mode; recover automatically after fault condition is removed
Output Short Circuit	Hiccup mode when output is shorted;Recovers automatically after fault condition is removed.
Over Temperature	Power supply shuts down when the temperature goes above specified limit; Turns on automatically after temperature goes back to Normal operating conditions.
Isolation between Input and Output	2.5 KV

Physical Data

Mounting Type	Din Rail Mount
Size (HxWxD)mm	90 x 22.5 x 75
Material	Polycarbonate
Weight	110 gms



PS12-1A

Power 12W

Efficiency > 85% @230V AC

Input Specification

Supply Voltage	100 to 270V AC \pm 10%,(L-N)
Frequency Range	50 / 60Hz
AC Current (TYP.)	0.450A@100V AC, 0.24A@270V AC
Efficiency (TYP.)	>85%@230V AC
Start UP time	<1 sec@230V AC & <3 sec@100VAC (Full Load)

Protection Parameters

Input Fuse	2A-250V AC Internal
Output Over Load	110% of rated output Current protection Protection Type : hiccup mode; recover automatically after fault condition is removed
Output Short Circuit	Hiccup mode when output is shorted;Recovers automatically after fault condition is removed.
Over Temperature	Power supply shuts down when the temperature goes above specified limit; Turns on automatically after temperature goes back to Normal operating conditions.
Isolation between Input and Output	2.5 KV

Output Specification

Output Voltage	12V DC
Output Current	1A at 12V
Ripple & noise	<1% of V out
Line Regulation	\pm 1%
Load Regulation	\pm 1%
Hold UP Time	<60ms at 230V AC & >15ms at 100V AC (Full Load)

Physical Data

Mounting Type	Din Rail Mount
Size (HxWxD)mm	90 x 22.5 x 75
Material	Polycarbonate
Weight	110 gms



PS12-2A

Power 24W

Efficiency > 85% @230V AC

Input Specification

Supply Voltage	100 to 270V AC \pm 10%,(L-N)
Frequency Range	50 / 60Hz
AC Current (TYP.)	0.450A@100V AC, 0.24A@270V AC
Efficiency (TYP.)	>85%@230V AC
Start UP time	<1 sec@230V AC & <3 sec@100VAC (Full Load)

Output Specification

Output Voltage	12V DC
Output Current	2A at 12V
Ripple & noise	<1% of V out
Line Regulation	\pm 1%
Load Regulation	\pm 1%
Hold UP Time	<60ms at 230V AC & >15ms at 100V AC (Full Load)

Protection Parameters

Input Fuse	2A-250V AC Internal
Output Over Load	110% of rated output Current protection Protection Type : hiccup mode; recover automatically after fault condition is removed
Output Short Circuit	Hiccup mode when output is shorted;Recovers automatically after fault condition is removed.
Over Temperature	Power supply shuts down when the temperature goes above specified limit; Turns on automatically after temperature goes back to Normal operating conditions.
Isolation between Input and Output	2.5 KV

Physical Data

Mounting Type	Din Rail Mount
Size (HxWxD)mm	90 x 22.5 x 75
Material	Polycarbonate
Weight	120 gms



PS48-2.5A

Power 120W

Efficiency > 89% @230V AC

Input Specification

Supply Voltage	100 to 270V AC \pm 10%,(L-N)
Frequency Range	50 / 60Hz
AC Current (TYP.)	2.1A@100V AC, 0.95A@270V AC
Efficiency (TYP.)	>89%@230V AC
Start UP time	<1 sec@230V AC & <3 sec@100VAC (Full Load)

Output Specification

Output Voltage	46 - 55V DC
Output Current	2.5A at 48V; 2.2A at 55V
Ripple & noise	<1% of V out
Line Regulation	\pm 1%
Load Regulation	\pm 1%
Hold UP Time	<60ms at 230V AC & >15ms at 100V AC (Full Load)

Protection Parameters

Input Fuse	3.15A-250V AC Internal
Output Over Load	110% to 120% of rated output Current protection Protection Type : hiccup mode; recover automatically after fault condition is removed
Output Short Circuit	Hiccup mode when output is shorted;Recovers automatically after fault condition is removed.
Output Over Voltage	62V DC \pm 1V DC Protection type: Latched: Input AC Power has to be recycled to recover the power supply.
Over Temperature	Power supply shuts down when the temperature goes above specified limit; Turns on automatically after temperature goes back to Normal operating conditions.
Isolation between Input and Output	2.5 KV

Physical Data

Mounting Type	Din Rail Mount
Size (HxWxD)mm	105 x 45 x 110
Material	Front - ABS Enclosure - Aluminium
Weight	410 gms



PS12-8A

Power 96W

Efficiency > 85% @230V AC

Input Specification

Supply Voltage	100 to 270V AC \pm 10%,(L-N)
Frequency Range	50 / 60Hz
AC Current (TYP.)	1.6A@100V AC, 0.74A@270V AC
Efficiency (TYP.)	>85%@230V AC
Start UP time	<1 sec@230V AC & <3 sec@100VAC (Full Load)

Output Specification

Output Voltage	11.50V - 13.50V DC
Output Current	8A at 12V ; 7.1A at 13.50V DC
Ripple & noise	<1% of V out
Line Regulation	\pm 1%
Load Regulation	\pm 1%
Hold UP Time	<60ms at 230V AC & >15ms at 100V AC (Full Load)

Protection Parameters

Input Fuse	3.15A-250V AC Internal
Output Over Load	110% to 120% of rated output Current protection Protection Type : hiccup mode; recover automatically after fault condition is removed
Output Short Circuit	Hiccup mode when output is shorted;Recovers automatically after fault condition is removed.
Output Over Voltage	SMPS Latches off if output voltage Exceeds the specified output voltage Limits.
Over Temperature	Power supply shuts down when the temperature goes above specified limit; Turns on automatically after temperature goes back to Normal operating conditions.
Isolation between Input and Output	2.5 KV

Physical Data

Mounting Type	Din Rail Mount
Size (HxWxD)mm	105 x 45 x 110
Material	Front - ABS Enclosure - Aluminium
Weight	425 gms



PS12-5A

Power 60W

Efficiency > 85% @230V AC

Input Specification

Supply Voltage	100 to 270V AC \pm 10%,(L-N)
Frequency Range	50 / 60Hz
AC Current (TYP.)	1A@100V AC, 0.52A@270V AC
Efficiency (TYP.)	>85%@230V AC
Start UP time	<1 sec@230V AC & <3 sec@100VAC (Full Load)

Output Specification

Output Voltage	11.50V - 13.50V DC
Output Current	5A at 12V ; 4.44A at 13.50V DC
Ripple & noise	<1% of V out
Line Regulation	\pm 1%
Load Regulation	\pm 1%
Hold UP Time	<60ms at 230V AC & >15ms at 100V AC (Full Load)

Protection Parameters

Input Fuse	3.15A-250V AC Internal
Output Over Load	110% to 120% of rated output Current protection Protection Type : hiccup mode; recover automatically after fault condition is removed
Output Short Circuit	Hiccup mode when output is shorted;Recovers automatically after fault condition is removed.
Output Over Voltage	SMPS Latches off if output voltage Exceeds the specified output voltage Limits.
Over Temperature	Power supply shuts down when the temperature goes above specified limit; Turns on automatically after temperature goes back to Normal operating conditions.
Isolation between Input and Output	2.5 KV

Physical Data

Mounting Type	Din Rail Mount
Size (HxWxD)mm	105 x 45 x 110
Material	Front - ABS Enclosure - Aluminium
Weight	425 gms



PS15-5A

Power 75W

Efficiency > 86% @230V AC

Input Specification

Supply Voltage	100 to 270V AC \pm 10%,(L-N)
Frequency Range	50 / 60Hz
AC Current (TYP.)	1.3A@100V AC, 0.62A@270V AC
Efficiency (TYP.)	>86%@230V AC
Start UP time	<1 sec@230V AC & <3 sec@100VAC (Full Load)

Output Specification

Output Voltage	14 - 16V DC
Output Current	5A at 15; 4.68A at 16V
Ripple & noise	<1% of V out
Line Regulation	\pm 1%
Load Regulation	\pm 1%
Hold UP Time	<60ms at 230V AC & >15ms at 100V AC (Full Load)

Protection Parameters

Input Fuse	3.15A-250V AC Internal
Output Over Load	110% to 120% of rated output Current protection Protection Type : hiccup mode; recover automatically after fault condition is removed
Output Short Circuit	Hiccup mode when output is shorted;Recovers automatically after fault condition is removed.
Output Over Voltage	SMPS Latches off if output voltage Exceeds the specified output voltage Limits.
Over Temperature	Power supply shuts down when the temperature goes above specified limit; Turns on automatically after temperature goes back to Normal operating conditions.
Isolation between Input and Output	2.5 KV

Physical Data

Mounting Type	Din Rail Mount
Size (HxWxD)mm	105 x 45 x 110
Material	Front - ABS Enclosure - Aluminium
Weight	425 gms

User-friendly & accurate solutions

Multispan is a leading company involved in the development and production of PID Temperature Controllers , Power & Energy Meters, Protection Relays, Timers & Counters as well as customised solutions for various industrial applications. As an owner-managed family business, we employ about 300+ staff with 75+ domestic channel sales partner network in India plus product distribution in 25+ countries.

With marked customer orientation, consistently high quality and vast innovation capability, Multispan develops specific solutions for many industries and applications

Our focus

Provide user-friendly accurate solutions in a way it makes a difference for every industry



Worldwide Presence



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Chile
Iraq
Kuwait
Mexico
Nigeria
Saudi Arabia
Syria
Uganda

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Botswana
Egypt
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