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May In History



14th May 1998

Frank Sinatra past away after suffering from a second heart attack at the Cedars-Sinai Medical Center, with his wife Barbara by his side. He was 82 years old.



20–21 May 1932

Amelia Earhart became the first woman to fly solo across the Atlantic. Her Flight from Newfoundland to Ireland was completed in the record time of 14 hours 56 minutes.

From our issues files:

Unfortunate Frank and the Dodgy Power Supply

Unfortunate Frank is called in to fix a power supply problem. It seems that the original unit was on fire. It isn't working anymore. So Frank replaces the old linear, large transformer style unit with a flash new switchmode device. Since a few devices are on the loop, Frank has ordered a 1 Amp unit from ACME power supplies Inc.

However Unfortunate Frank runs into trouble pretty quickly. Some of the instruments are misbehaving and something is amiss. Unfortunate Frank checks the voltage output to be 24Vdc – It is. Next he checks the output is not wired to Earth as he needs a floating 24Vdc – but that's ok too. Frank's hair is greying by the minute. All he has done is replace a power supply! This is most unfortunate so Frank calls in 'Earl' the instrument service man.



Earl knows exactly what's happened.

Earl fits an instrument quality power supply from Intech Instruments and for Unfortunate Frank, everything suddenly turns to gold. The instruments all work, the sun is shining and life is great. Does Earl have the Midas touch??? Well...Yes and no.

Power supplies are crucial. General power supplies are good for relays and switching devices but INSTRUMENT supplies are a different animal altogether. Many general power supplies have significant Earth leaks and this upsets sensitive transmitters and instrumentation. Power Supplies such as the Intech PSW units have minimal Earth leaks and good regulation.

The moral of the story is to use the right device for the job. You wouldn't use a yardstick to measure millimetres. If you're powering sensitive devices, use an Instrument Power Supply. It may cost you a few dollars more initially but false economy can cause a lot of stress as unfortunate Frank found out.



Product Highlight:

Intech PSW Series
Instrumental Quality Power Supplies



20th May 1873

San Francisco businessman Levi Strauss and Reno, Nevada, tailor Jacob Davis are given a patent to create work trousers reinforced with metal rivets, marking the birth of one of the world's most famous garments: blue jeans.



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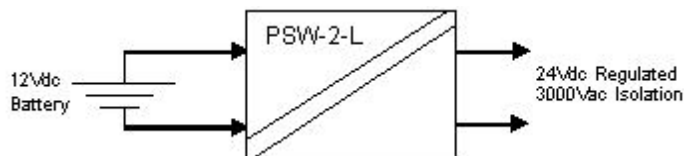


Features:

- Better than most comparable linear supplies
Input Voltage Supply of 100~264Vac
PSW-2-L Input Voltage Option: 10~30Vdc
Output adjustable from 5V to 30V
Low noise
Precision regulation
Isolated output floats close to earth potential
Short circuit tolerant
High accuracy 0.1%
Universal AC/DC power supply
Compact DIN rail mount enclosure
Low cost

Exciting application for the PSW-2-L power supply:

For remote monitoring and other applications, where the only power on site is a 12Vdc battery, the PSW-2-L is ideal for 4~20mA loops which require 24Vdc.



Try to avoid operating 4~20mA loops off a 12v supply. These loops may operate OK at the bottom end (say 4~8mA), but will not operate reliably above this level before flat lining. It's a trap - so be careful!!!

Exciting Intech News:

On April 1st, the Intech offices in Christchurch and Auckland amalgamated under a single company umbrella. This will result in even better service to our clients, improved product supply and enhanced access to stock Intech looks forward to efficiency gains across the board, which is good for everyone. Additional sales staff are planned to improve our coverage to our New Zealand clients.



We wish to thank all our clients for their support over the last 25 years and look forward to maintaining and building better relationships with you in the coming years.

Our export department remains positioned in our Christchurch office.



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