

D2330

Engineer's Data Logger for use with Dycon EN54 & EN50131
Power Supply Units



Dycon Power Solutions D2330 is a unique device aimed at helping an installer or service engineer to more easily set up or service a Dycon D243x-series EN54 or D1532 EN50131/PD6662 power supply unit. An engineer is normally only able to read the voltage of any connected battery and get a rough estimate of power supply charging rates and output voltages; to do this involves him reading off values whilst at the same time trying to write them down. It is even worse when trying to adjust the appropriate pot, an extra pair of hands would often come in handy! The D2330 does away with the need for all this, simply plug the unit into the PSU's data port and use the simple menu-driven commands via the digital keypad to accurately read all the values, including that all important battery impedance, the only true guide to how well a battery actually is.



DYCON
power solutions

www.dyconpower.com

Engineer's data logger

Does away with the need to use a traditional voltmeter!

The advanced-technology Dycon EN50131-compliant D1532SM and EN54-2/4-compliant D243X-series power supply units all feature a data port which, when connected to the D2330 unlocks a whole raft of additional features and benefits.

During installation, the D2330 command menus enable an engineer to select the correct output current and voltage levels, battery charging rates and to control which outputs to use, no more guesswork or inaccurate screwdriver adjustments. As all values can drift over time, another simple command menu lets you immediately return them all to the original set values.

During service visits, the engineer need only plug-in the D2330 to obtain a complete range of readings showing the operational status of the power supply including output voltages and current, battery charge rates and voltages, battery impedance and ambient temperature. In addition, it will display if the AC mains voltage is on or off and whether the PSU is OK or has any faults. D2330 can also unlock the PSU's fault log enabling an engineer to read any of eleven different types of fault events that have occurred since the log was last cleared, thus giving him a true picture or the real performance of the power supply unit

Specifications

Dycon Part Number	D2330
Compatible Dycon Power Supply Units	(EN54 PSUs) D243X-series; (EN50131 G3 units) D1532SM
Charging	USB Micro-B, 450mA maximum
Charge Time	2 hours to full charge
Battery	Rechargeable LiPo battery, 3.7V nominal, 800mAh
Typical Battery Life	2 days continuous use
Test Lead	1 metre FCC-68 (RJ45 to 5-way 2.5mm Molex KK receptacle
Display	Backlit, 4 x 20 character, LCS display, readable in direct sunlight
Communication Interface	9600 baud, no parity, one stop bit, 5V logic, asynchronous serial
Accuracy	+/- 2 least significant digits. Actual measurements derived from connected PSU
Dimensions (mm)	76.5 x 127 x 24, without protective boot

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For more information about the Dycon range of power products:
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Or to discuss your specific needs:
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Dycon leads the security and associated power supply markets, with UK design and manufacture of advanced power products; engineered to provide high quality, cost-effective solutions to meet current regulations and the specific needs of system integrators and end-users.

Designed and manufactured in the UK