



JOY-it RD Laboratory Power Supply Unit Controller User Guide

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The lab power supply JT-RD6006 can provide up to 60 V and 6 A in combination with a powerful DC power source. This power supply has a keypad which makes the usage more comfortable and allows access to 9 storage locations, an USB – interface from which you can easily control the device via software from a PC and a battery charging function. Moreover, the device has different protection and limit functions like constant voltage operation, constant current operation, overvoltage protection, overcurrent protection and replaceable fuses on the board itself (backside of the power supply).

Two different housings and a Wifi module are available as optional accessories. The JT-RD6006-Case1 is the smaller case which has 2 sockets for DC power, a power switch and an active cooling system on the back. The JT-RD6006-Case2 is bigger in comparison with Case1 and offers additional space for an (industrial) power supply. The WiFi module enables access via smartphone app.

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MAIN FEATURES

Model	RD6006
Characteristics	Battery charging function, value input comfortable via keypad, Overcurrent protection / Overvoltage protection adjustable
Dimensions	167 x 81 x 65 mm
Weight	607 g
Scope of delivery	JT-RD6006

FURTHER SPECIFICATIONS

Input voltage	6 -70 V
Output voltage	0 – 60 V
Output current	0 – 6 A
Output power	0 – 360 W
Voltage resolution	0,01 V
Current resolution	0,001 A
Capacity measuring range	0 – 9999.99 Ah
Energy measuring range	0 – 9999.99 Wh
Residual ripple	100 mV(pp) (at maximal capacity)
Display	2,4 Zoll LCD
Optional accessories	Case in two different sizes,
Working temperature range	-10 – 40 °C

FURTHER DETAILS

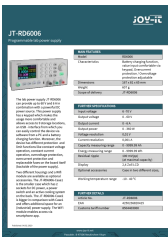
Article No.	JT-RD6006
EAN	4250236820415
Customs tariff number	8504403000



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Documents / Resources

	<p>JOY-it RD Laboratory Power Supply Unit Controller [pdf] User Guide RD Laboratory Power Supply Unit Controller, JT-RD6006</p>
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References

- [JOY-IT For Makers and Professionals | Joy-IT](#)

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