PROGRAMMABLE LABORATORY POWER SUPPLY

JT-RD6006-C-B



The RD6006 is a reliable and powerful laboratory power supply unit. With an output voltage range of 0 - 60 V and a power of 0 - 360 W, you are able to master any type of project.

The compact design and user-friendly operation make the RD6006B an excellent choice for any application. The 9 memory locations allow you to switch quickly and easily between different settings.

The device can be operated via software using the USB interface. The device also has various protection and limiting functions such as constant voltage operation, constant current operation, overvoltage protection, overcurrent protection and replaceable fuses on the circuit board.

MAIN FEATURES	
Input voltage	230 V AC
Output voltage	0 - 60 V DC
Output current	0 - 6 A
Output power	0 - 360 W
Special functions	Battery charging function Valuescan be conveniently entered via keypad overcurrent protection / overvoltage protection adjustable integrated RTC NTC temperature sensor Software control via USB/WiFi

TECHNICAL SPECIFICATIONS	
Voltage resolution	0,01 V
Current resolution	0,01 A
Measuring range electr. charge	0 - 9999.99 Ah
Energy measuring range	0 - 9999.99 Wh
Ripple	100 mV VPP
Response time in constant voltage mode	2ms @ 0,1 - 4 A
Load regulation in constant-voltage mode	± 0.1 % + 2 digits
Load regulation in constant current mode	± 0.1 % + 3 digits
Statistical errors in electrical charge & energy	± 2 %
Sensor temperature Detection range	- 10 - 100 °C / 0 - 200 °F
Work mode	Step-down operation



MEASUREMENT RESOLUTION	
Input voltage measurement resolution	0,01 V
Output voltage Measurement resolution	0,01 V
Current measurement resolution	0,01 A
Battery voltage measurement resolution	0,01 V

MEASURING ACCURACY	
Input voltage accuracy	± 1 % + 5 digits
Output voltage accuracy	± 0.3 % + 5 digits
Output current Accuracy	± 0.5 % + 5 digits
Battery voltage measurement accuracy	± 0.5 % + 3 digits
Sensor temperature Detection accuracy	± 3 °C / ± 6 °F

FURTHER INFORMATION	
Display	2,4“ LCD Farbdisplay
Operating temperature	-10 - 40 °C
Scope of delivery	JT-RD6006-C-B, mains cable, battery charging cable, operating instructions
Dimensions	340 x 172 x 92 mm
EAN	4250236827971
Customs tariff number	8504403000
Item number	JT-RD6006-C-B

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