



Power Supplies

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Bench Power Supplies

BASETech

BT-153 Bench PSU Single Output 0-15VDC 0-3A 45W

The Basetech BT-153 is a Laboratory Power Supply which is ideal for universal use in the research, development, manufacturing, service and training fields. The power supply unit has a number of features (automatic switching between constant voltage and constant current operation, continuously adjustable output voltage and current limit).

All the connections are made via the sockets on the front of the device. All operating controls and indicators have been neatly arranged to simplify use. The corresponding power and voltage values are easily visible on the high-contrast LED display. Both the output current and output voltage are shown via the LED displays.

The control dial on the front of the device is used to set current and voltages values.

What's in the Box?

- Basetech BT-153
- Power cable
- Operating instructions

- Finely adjustable output voltage
- Display of output voltage and current
- Overload and reverse polarity protection
- Display of output voltage and current
- Overload and reverse polarity protection
- 0 to 15V/DC/ 0 to 3A
- 45W maximum output
- Linearly-regulated
- Automatic switching between constant voltage and constant current operation
- Manufacturer's part: **Basetech BT-153**

Type	Order code	1+
Single Output PSU	64-6084	65.22

- The 30V output is terminated with 4mm colour coded terminals
- The 5V and 12V outputs are terminated via a spring loaded colour coded terminal block
- All outputs are overload and short circuit protected
- The power supply is housed in a sturdy steel enclosure and is supplied with mains lead terminated with a UK mains plug fused at 5A and user instructions

Type	Order code	1+
30V 2.5A Reg. PSU	85-1705	119.21

Rapid

3A Switched Output Switch Mode Power Supply

A compact, switch mode power supply that offers six selectable output voltages (3, 4.5, 6, 7.5, 9, 12V), and is rated at 3A output current.

- The power supply is housed in a tough polycarbonate housing
- Output is floated ground (isolated from the mains earth)
- Offers excellent performance and reliability at a low-cost
- Overload and short circuit protection
- Ideal for a wide range of applications, and is especially suited for the educational environment
- Output is via 4mm socket/screw terminals
- Supplied with two sets of leads - one set with crocodile clips and bare ends the other with 4mm plugs and 4-way power plug adaptor
- CE approved to **EN60950, EN55011**

Type	Order code	1+	5+	10+	50+
3A Switched o/p PSU	85-1820	47.80	42.56	39.92	37.33

Rapid

0 to 30V Triple Output DC Regulated Power Supply

This versatile power supply has been designed for use in general electronic servicing in the laboratory, workshop and classroom. All units can be used in either constant voltage with current limiting or constant current with voltage limiting modes. Features three independent outputs, two fixed voltage, and one variable voltage.

- One 0 to 30V variable output
- One 5V 500mA output and one 12V 500mA output
- Separate analogue voltmeter and ammeter
- Current limiting LED indicator
- Adjustable current control
- Overload and short circuit protection
- Compact and lightweight
- Robust, galvanized steel case
- Polycarbonate front panel
- Screw on connector for variable output, snap on connectors for fixed outputs
- Approved to **CE, EN60065, EN55014**

Type	Rating	Order code	1+
Triple o/p PSU	2.5A	85-1707	98.77

Rapid

30V 2.5A Regulated Power Supply

The Rapid PS3025 is a high quality, fully regulated, power supply capable of supplying up to 30V at a maximum of 2.5 amps with additional fixed 5V and 12V outputs at 500mA.

- Ideally suited to laboratory test and educational environments
- Voltage and current outputs are individually displayed on liquid crystal displays
- Output voltage is continuously adjustable via a single control from 0 to 30V DC
- Output current limiting is fully adjustable up to 2.5A, again by a single control

Plug-in Power Supplies

Tt Electronics

15W Mini Plugtop Switch Mode PSU

A range of high quality plugtop PSUs that offer an output through the moulded female barrel connector.

- 15 Watt continuous
- Input voltage of 100-240V AC
- 5V, 6V, 9V, 12V, 15V and 24V DC versions available
- 2.1 x 5.5 x 12mm female barrel
- +ve centre polarity
- Short circuit and over voltage protection
- CE marked and safety approved



Voltage	Current	Order code	1+	10+	25+
5V DC	3A	85-2900	12.07	9.94	8.86
9V DC	1.6A	85-2901	10.95	9.01	8.03
12V DC	1.25A	85-2902	10.55	8.69	7.74
15V DC	1.0A	85-2903	10.99	9.06	8.06
24V DC	0.65A	85-2904	10.65	8.78	7.82

Tt Electronics

Mini Plugtop Switch Mode Power Supply

A range of miniature power supplies that offer switch mode performance and are available in several outputs (see price panel for details).

- Wide input voltage range
- Output connector 2.1 x 12mm plug
- Short circuit, overvoltage and overcurrent protection
- Long MTBF of 50,000 hours at 25°C, full load
- Fitted with 140cm cable
- EMI standard **CE Class B, Conduction and Radiation**
- Safety standards **BSMI, CB, CE, GS**

Voltage	Current	Order code	1+	10+	25+	100+
5.0V	1.5A	85-2955	10.01	8.15	7.25	6.66
12V	0.5A	85-3071	6.54	5.80	5.08	4.32
12V	1.0A	85-3070	7.98	7.37	6.55	5.72
15V	0.5A	85-2959	9.94	8.09	7.20	

VSPSU Volt Switch - Single



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TT Electronics

Plugtop SMPSUs



A range of high quality low cost range of plugtop switched mode power supplies.

- Universal AC input
- Fixed output voltage
- 2.1mm C +VE DC connector
- RoHS Compliant
- High reliability
- Efficiency level IV or VI
- CE approved

Power and plugstyle	Order code	1+	10+	25+
5V, 12.5W, UK	85-3747	8.90	8.09	
6V, 18W, UK	85-2906	13.14	10.57	9.71
12V, 18W, UK	85-3744	8.28	7.53	
12V, 18W, Euro	85-3749	5.87	5.34	

TT Electronics

UK Mini Regulated Voltage Adjustable PSU

An AC/DC Switching adaptor.

- Input: 100 to 240V
- Current: 1000mA (max)
- Supplied complete with 6 detachable plugs including
- A (2.5mm), B (3.5mm), E (5.5x2.1mm), G (5.5x2.5mm), H (3.5x1.35mm) and N (5.5x1.5mm)
- Dimensions of casing: 76.5x43x33mm



Type	Order code	1+	10+	25+
Mini regulated PSU	85-1683	7.74	7.10	6.71

IP IDEALPOWER
experts in power conversion

25HK-U Series Plug-in 6W PSUs and adaptor Plugs

A wide range of good quality 6W plug-in power supplies from Ideal Power. These PSUs from the 25HK-U series are supplied with a UK plug adaptor that is interchangeable with Euro, Australia and USA adaptors (supplied separately).

The PSUs have the unique ability to be used as a desktop PSU as well, without the



adaptor fitted, (requires C8 lead, figure 8). The PSUs comply with CEC V / ErP 2.0 Efficiency Regulations, with a typical efficiency of more than 73%.

- CEC V/ErP 2.0 Efficiency Regulations Compliance
- Efficiency >73% typical
- Over current protected
- Operating temperature 0°C to +40°C
- Interchangeable from UK to USA, EURO, Australian
- Limited Power Source (LPS)
- Unique Ability to be used as a Desk Top as well (without the adaptor fitted)
- Small Compact design
- Very Low Power Consumption (<0.3W)
- RoHS, REACH and CE Directive Compliant

Type	Order code	1+	3+	10+
USA Plug	18-1492	0.447	0.40	0.371

TT Electronics

5V DC 1A USB UK Pins

This 5V DC 1A USB power supply has a 90-264V AC input for world use. It carries full international safety approvals and meet the latest ErP stage 2 requirements with high reliability (M.T.B.F of 50K hours at 25 degrees C.) The SW4492-V2 power supply can be used to charge a wide range of products. These PSUs are available in black or white.



- Output: 5V DC 1A
- Power (Watts): 5W
- DC Plug: USB socket
- Rated input voltage: 90 to 264V AC

Case colour	Order code	1+	10+	25+
Black	85-2893	5.35	4.85	4.69
White	85-2894	4.79	4.38	4.25

TT Electronics

Level VI UK Plugtop Switched Mode Power Supply Units

A range of **switched mode** plugtop power supplies from TT Electronics. The power supplies have a standard UK 13A or Euro-style plug and a standard 5.5 x 2.1mm centre positive output connector.

- Small and compact design
- Level VI efficiency compliant
- Short-circuit, over-current and over-voltage protection
- 1 year manufacturer's warranty
- Stontronics T6 series

Voltage	Max. current	Order code	1+	10+	25+
UK plug					
5V DC	1A	85-3008	5.58	5.08	4.80
12V DC	0.5A	85-3006	5.31	4.93	4.23
12V DC	2A	90-2766	7.46	6.99	6.72
15V DC	1.6A	85-3756	8.12	7.29	6.83
18V DC	1.33A	85-3757	11.69	10.31	8.90
24V DC	1A	85-3746	9.23	8.07	7.39
Euro plug					
5V DC	1A	85-3729	5.58	5.08	4.80
9V DC	0.66A	85-3728	4.51	4.19	4.12
12V DC	0.5A	85-3727	4.79	4.32	4.10

IP IDEALPOWER
experts in power conversion

6 to 24W AC/DC UK Plugtop Power Supplies Level VI



These plugtop power supply units have fixed UK plugs and comply with Level VI efficiency regulations. These high reliability PSUs have a universal voltage input, making them ideal for a wide range of applications.

- Available in a range of output voltages
- 2.1 x 5.5mm connector (except 18-1626)
- 18-1626 has a USB A output connector
- 100% ATE tested
- Built in OVP, OCP and SCP
- 100% smart burn-in test for 4 hours
- Approved to CE-EMC, LVD and REACH

Type	Order code	1+	10+	100+
5V 1.2A USB	18-1626	10.52	5.67	4.48
5V 1.2A	18-1627	9.95	5.37	4.24
5V 2.4A	18-1628	12.82	7.02	5.46
5V 3.5A	18-1629	18.08	10.00	7.44
7.5V 3.2A	18-1630	20.42	10.16	8.82
9V 1.6A	18-1631	15.20	8.34	6.47
12V 0.5A	18-1632	9.10	4.98	3.98
12V 1A	18-1633	10.74	8.59	6.32
12V 1.5A	18-1634	14.42	7.91	6.13
15V 1.2A	18-1635	16.02	8.78	6.80
24V 0.75A	18-1636	16.59	8.99	6.80



Raspberry Pi®



Raspberry Pi 4

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Technical specifications

Technical specifications for all of these products can be found at www.rapidonline.com

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