

Laboratory/Bench, Variable - continued

Bench Power Supplies digimess HY Series



A range of low cost bench power supplies with digital Voltmeters and Ammeters and either single, dual or triple outputs.

- Large LED displays
- Constant voltage or current mode
- Dual and Triple output types inclcd external switching for independant, tracking, series and parallel modes of operation
- Supplied with mains leads

	HY3003	HY3010	HY3020	HY3003-2	HY3003-3
Outputs	Single	Single	Single	Dual	Triple
Input Voltage	0 to 30V DC	0 to 30V DC	110/240V AC	0 to 30V DC	0 to 30V DC
Output Voltage	0 to 30V DC	0 to 30V DC	0 to 30V DC	2x 0 to 30V DC	2x 0 to 30V DC
Output Current	0 to 3A	0 to 10A	0 to 20A	2x 0 to 3A	2x 0 to 3A, 3A
Line Regulation	<0.02%+1mV	<0.02%+3mV	<0.02%+3mV	<0.02%+1mV	<0.02%+1mV
Load Regulation	<0.01%+5mV	<0.01%+10mV	<0.01%+5mV	<0.01%+5mV	<0.01%+5mV
Ripple	<1mV RMS	<3mV RMS	<3mV RMS	<1mV RMS	<1mV RMS
Accuracy			±1% ±2 digits		
Voltage			±1.5% ±2 digits		
Dimensions:					
(WxHxD mm)	136x158x291	164x265x365	164x265x365	365x164x265	365x164x265

248536

Mfrs. List No.	Order Code	Price Each	
		1+	10+
HY3003	428-3211	9,331.00	9,510.00
HY3010	428-3223	27,080.00	26,747.00
HY3020	428-3235	34,621.00	36,334.00
HY3003-2	428-3247	18,273.42	17,704.75
HY3003-3	428-3259	19,928.00	19,117.00

EX1810R Bench Power Supply With Remote Sense



- Single output high power, 0 to 18V at 0 to 10A
- Compact and lightweight design
- Separate 4 digit voltage and current meters
- Switchable remote or local sensing
- Constant voltage or constant current operation
- DC output switch
- Safety/EMC complies with EN61010-1/EN61326

Load regulation <0.01% for 90% load change  
 Line regulation <0.01% for 10% line change  
 Ripple & noise Typically <2mVrms  
 Meter resolutions Voltage 10mV, Current 10mA  
 Meter accuracies Voltage 0.3% ±1 digit, Current 0.6% ±1 digit

H=160, W=140, D=320

232311

Mfrs. List No.	Output	Order Code	Price Each	
			1+	10+
EX1810R	18	381-2352	26,639.00	--

Standard Calibration Charge S C8  
 UKAS Calibration Charge N C8

Triple Output Power Supplies 72-2080, 72-6615



H = 145, W = 255, D = 335



H = 145, W = 255, D = 335

Triple output power supplies containing two independant power supply outputs and a constant 5V fixed output, The two outputs can be connected in series to double the voltage or current rating, respectively. Available with either analogue moving coil or digital LED output meters.



- Triple output: two 0 to 30V DC, 3A outputs and one 1x5V, 3A fixed output
- Manually variable voltage and current
- Auto tracking
- Auto series and parallel operation
- Constant voltage and constant current operation
- Low ripple and noise
- Four analogue/digital meters for voltage and current
- Continuous/dynamic load can be selected
- Overload and reverse polarity protection

Outputs	Single	Regulation	Line/Load: <0.2% +3mA
Constant Voltage Operation		Ripple Current	<3mA RMS
Regulation	Line/Load: <0.01% +3mV	5V Fixed Output	
Ripple and Noise	<1mV RMS	Regulation	Line: <5mV, Load: <10mV
Constant Current Operation			

248549

Mfrs. List No.	Order Code	Price Each	
		1+	10+
72-2080	428-3260	28,861.00	27,688.00
72-6615	428-3272	32,020.00	--

Standard Calibration Charge S C8  
 UKAS Calibration Charge N C8

Dual Output Power Supply 72-7245



Laboratory grade power supply provides adjustable 0-30V DC output, and 0-3A adjustable current limiting, on each of two isolated channels. Four independant three-digit LED displays simultaneously show output voltage and current for each channel.

- Auto series or parallel tracking operation
- Constant voltage and constant current operation
- Overload and reverse polarity protection
- Temperature controlled variable speed fan
- Very low ripple and noise
- Supplied with tets leads and instruction manual

Output voltage (on each channel)	0-30V DC
Output current (each channel)	0-3A
Tracking series output	0-60V, 0-3A
Tracking parallel output	0-30V, 0-6A
Constant voltage mode (CH-1, CH-2)	
Line Regulation	< 0.01% + 3mV
Load Regulation	< 0.01% + 3mV (rating current <3A)
Ripple & noise	< 0.02% + 5mV (rating current > 3A)
Constant current mode (CH-1, CH-2)	
Line regulation	< 0.2% + 3mA
Load Regulation	< 0.2% + 3mA
Ripple & noise	< 3mA RMS
Dimensions / Weight	146 x 260 x 273mm / 7kg

339505.343955

Description	Mfrs. List No.	Order Code	Price Each		
			1+	5+	10+
Dual Output	72-7245	491-1787	22,756.00	22,056.00	21,397.00

Standard Calibration Charge S C8  
 UKAS Calibration Charge N C8

Quad Output Power Supply 72-6905



- Quad independant DC output
- Four LED display with 3 digits, selectable for two sets output voltage and current display simultaneously
- Auto series, parallel and tracking operation
- Low ripple and noise
- Overload and reverse polarity protection
- Selectable for continuous/dynamic load
- Output enable/disable control
- Supplied with test leads, power cord and instruction manual

Output voltage	CH1 0-30V DC	CH2 0-30V DC	CH3 3-6V DC	CH3 8-15V DC
Output current	0-2A	0-2A	1A Fixed	1A Fixed
Line Regulation	< 0.01% + 3mV		≤5mV	
Load Regulation	< 0.01% + 3mV		≤10mV	
Ripple & noise	≤1mV RMS 5Hz - 1MHz		≤2mV RMS 5Hz - 1MHz	
Dimensions / Weight	146 x 260 x 273mm / 7kg			

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Mfrs. List No.	Order Code	Price Each			
		1+	5+	10+	+
72-6905	491-1799	30,157.00	29,229.00	28,356.00	--

Standard Calibration Charge S C8  
 UKAS Calibration Charge N C8