

**'PL-P' Series Bench Power Supplies - Single, Dual & Triple**  
0 to 32V, 3A - Programmable



- GPIB & RS-232 interfaces fitted as standard
- GPIB interface conforms to IEEE-488.2
- RS-232 interface is addressable (ARC compatible)
- Full bus control and readback of voltage and current
- Setting resolution of 10mV and 1mA
- Fully controllable high current 'logic' output on triple

Output		H	W	D	Weight (kg)	Mfrs. List No.	Order Code
Single	0-32V @ 0 - 3A	170	207	300	5	PL330P	666-749
Dual	2 0 - 32V @ 0 - 3A	170	350	300	12	PL330DP	666-750
Triple	2 0 - 32V @ 0 - 3A, & 4 - 6V @ 1 - 7A	170	425	300	16	PL330TP	666-762

Line regulation - O/P change for 10% mains change <0.01% of max. output  
Load regulation - O/P change for 90% load change <0.01% of max. output  
Ripple & Noise Typically <1mV rms

205809

Supplied with UK mains lead		Order Code	1+	+	+
Single Output	32V, 3A	C5 666-749	50,216.00	---	---
Dual Output	32V, 3A	C5 666-750	73,549.00	---	---
Triple Output	32V, 3A	C8 666-762	86,230.00	---	---
Supplied with Euro Mains Lead		Order Code	1+	+	+
Single Output	32V, 3A	C5 315-9541	50,216.00	---	---
Dual Output	32V, 3A	C5 315-9553	73,549.00	---	---
Triple Output	32V, 3A	C8 315-9565	86,230.00	---	---

Standard Calibration Charge S C5  
Standard Calibration Charge S C8  
UKAS Calibration Charge N C5  
UKAS Calibration Charge N C8

**PL Series - Single, Dual & Triple**  
0 to 32V, 1A, 2A, 3A - Single 0 to 15V, 4A



- Simultaneous metering of voltage and current
- True constant voltage or constant current operation
- High accuracy 4 digit meters with large LED displays
- 0.1% accuracy; 0.01 Volts and 0.001 Amps resolution
- Separate DC output switches

- Precise control and monitoring of current limit settings
- Remote sense facility for high-current precision
- Current meter damping switch for fluctuating currents
- Parallel and tracking modes on dual and triple models
- High current 'logic' supply on triple models

Output	Current	H	W	D	Weight (kg)	Mfrs. List No.	Order Code
Single	0-15V @ 0-4A	170	155	265	5	PL154	666-646
Single	0-32V @ 0-2A	170	155	265	5	PL320	666-683
Single	0-32V @ 0-3A	170	155	300	5	PL330	666-713
Dual	2 x 0-32V @ 0-2A	170	350	265	9.5	PL320QMD	666-695
Dual	2 x 0-32V @ 0-3A	170	350	300	12	PL330QMD	666-725
Triple	2 x 0-32V @ 0-2A & 4-6V @ 0.1-4A	170	425	265	13.5	PL320QMT	666-701
Triple	2 x 0-32V @ 0-3A						
Triple	2 x 0-32V @ 0-2A	170	425	300	16	PL330QMT	666-737

Note:- Dual and triple models feature Quad-Mode switching giving isolated, Parallel, Series and Series-tracking modes by push-button selection.

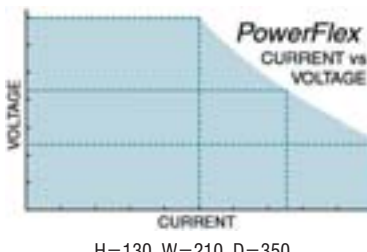
Line regulation - O/P change for 10% mains charge <0.01% of max. output  
Line regulation - O/P change for 90% mains charge <0.01% of max. output  
Ripple & Noise Typically <1mV rms.

205810

Supplied with UK mains Lead		Order Code	1+	+	+
Single Output	15V, 4A	C5 666-646	18,159.00	---	---
	32V, 2A	C5 666-683	18,159.00	---	---
	32V, 3A	C5 666-713	20,188.00	---	---
Dual Output	32V, 2A	C9 666-695	33,322.00	---	---
	32V, 3A	C9 666-725	38,096.00	---	---
Triple Output	32V, 2A	C10 666-701	38,096.00	---	---
	32V, 3A	C10 666-737	50,622.00	---	---
Supplied with Euro Mains Lead		Order Code	1+	+	+
Single Output	15V, 4A	C5 315-9449	18,159.00	---	---
	32V, 2A	C5 315-9486	18,159.00	---	---
	32V, 3A	C5 315-9516	20,188.00	---	---
Dual Output	32V, 2A	C9 315-9498	36,420.00	---	---
	32V, 3A	C9 315-9528	40,478.00	---	---
Triple Output	32V, 2A	C10 315-9504	40,478.00	---	---
	32V, 3A	C10 315-9530	50,622.00	---	---

		Price Each
Standard Calibration Charge	S C5	P P P P P P
Standard Calibration Charge	S C9	
Standard Calibration Charge	S C10	
UKAS Calibration Charge	N C5	
UKAS Calibration Charge	N C9	
UKAS Calibration Charge	N C10	

**Power Supplies CPX200 & CPX400A**



H=130, W=210, D=350

- Dual isolated outputs
- Total power 350W or 840W
- PowerFlex design allows higher currents at lower voltages
- Current up to 10A (CPX200) or 20A (CPX400)
- Variable OVP trip circuits
- Switchable remote sense terminals
- Compact half-rack 3U case size
- Safety complies with EN61010-1
- EMC complies with EN61326

	CPX200	CPX400A
Output voltage	2 x 0 - 35V	2 x 0 - 60V
Output current	2 x 0 - 10A	2 x 0 - 20A
Weight	5kg	7kg
Load regulation	<0.01% for a 90% load change	
Line regulation	<0.01% for a 10% line voltage change	

337881

Mfrs. List No.	Order Code	1+	3+	5+
CPX200	864-286	60,361.00	---	---
CPX400A	114-7349	81,306.00	77,227.00	76,215.00

Standard Calibration Charge S C9  
UKAS Calibration Charge N C9

**Ex series Bench Power Supplies**



**EX Series**  
Single, Dual & Triple  
0 - 35V, 0 - 4A  
0 - 35V, 0 - 5A  
0 - 75V, 0 - 2A  
175W, 280W & 300W

- Low cost & high specification, compact switch-mode designs
- Constant voltage or constant current operation, automatic crossover
- Fully isolated outputs on duals and triples, separate output switches
- Isolated 5A logic output switchable as 3.3V or 5V (EX354T)
- Multiple modes including 0-150V/2A & 0-75V/4A (EX752M)
- Digital meters with bright LED displays for voltage and current
- Safety complies with EN61010-1
- EMC complies with EN50081-1, EN50082-2-2

Note: Model EX355P is a digitally programmable version of the EX355 and offers a low cost, RS232 solution for most power supply applications where the complexity of GPIB is not needed.

Mfrs. List No.	Outputs	Weight (kg)
EX355	Single 0-35V @ -5A	3
EX354D	Dual 2 x 0-35V @ 0-4A	4.3
EX354T	Triple 2 x 0-35V @ 0-4A & 3.3-5V @ 5A	4.3
EX752M	Multi-mode Dual 2 x 75V @ 2A or 75V @ 4A or 150V @ 2A	4.4

Load regulation (main outputs) <0.01% for 90% load change  
Line regulation <0.01% for 10% line change  
Ripple & noise (main outputs) Typically <1mV rms, <10mV pk-pk  
Meter accuracies Voltage 0.3% ±1 digit, current 0.6% ±1 digit

227642

Outputs	Mfrs. List No.	Order Code	1+	+	+
Single	EX355	351-0852	26,275.00	---	---
Single Programmable	EX355P	471-8483	33,376.00	---	---
Dual	EX354D	864-262	38,449.00	---	---
Triple	EX354T	864-274	43,521.00	---	---
Multi-Dual	EX752M	351-0840	45,550.00	---	---

Standard Calibration Charge S C8  
UKAS Calibration Charge N C8

Power Supplies & DC to DC Convertors

20

Compliant Non-compliant  
RoHS Limited stock - RoHS replacement available