

B.N.O.S. ELECTRONICS

**100 WATT 2 METRE
LINEAR AMPLIFIER**
V-J 100 PL £107.00



★ **MOBILE MOUNT ★**
★ 2 x PL259 PLUGS SUPPLIED ★
1-10 watts RF input, +80% overload protection, linear all mode operation, RF switched, FM and SSB delay switch, low noise MosFet Pre-amp, 12dB gain, Linear and Pre-amp independently switched, also straight through operation. Now manufactured in the UK by BNOS Electronics with full parts and service back up.

HIGH QUALITY NICAD BATTERIES			
Type	1-9	10-24	25-99
'AA'	0.5Ah	0.90	0.85
'C'	2.2Ah	2.40	2.30
SUB 'D'	1.5Ah	2.30	2.15
'D'	4.0Ah	3.40	3.20
PP3	0.11Ah	4.25	4.00

NICAD CHARGERS		
AC.1	Charges up to 4 'AA' cells.	£5.90
MC.2	Charges up to 4 x 'AA', 'C' or 'D' cells or any combination of the above as well as PP3s.	£8.50
PC.3	Charges 1 or 2 PP3 cells.	£7.40

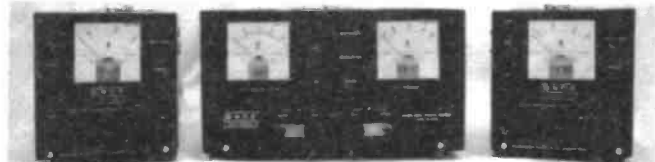
All battery prices include VAT, and FREE postage on orders over £5, for orders under £5 please add 60p to cover P&P.

BNOS 'A' SERIES POWER SUPPLIES

Primarily designed and ideally suited for both amateur and professional mobile transceivers. Now extending our range to meet a growing requirement the model 12/6A and 12/40A have been introduced.

The 'A' series of fixed voltage (13.8V) power supplies are designed to operate at full rated current continuously with voltage regulation better than 0.1%. Short circuit protection, foldback current limit and over voltage crowbar protection circuits are incorporated, along with full RF protection, to minimise equipment damage due to user error or equipment failure.

All of the 'A' series of power supplies incorporate output current meters, well rated output spade terminals (with integral 4mm socket on 6A and 12A models).



12/6A ★★NEW★★
★ 13.8V, 6A continuous output
★ 7A maximum output current
★ 10A current meter
★ 10A output terminals
★ LED shut down indicator
★ Fully protected

£48.30

12/12A
★ 13.8V, 12A continuous output
★ 15A maximum output current
★ Large 20A current meter
★ 15A output terminals
★ LED shut down indicator
★ Fully protected

£86.40

12/25A
★ 13.8V, 25A continuous output
★ 30A maximum output current
★ Large 30A current meter
★ 30A output terminals
★ LED shut down indicator
★ Fully protected

£125.45

12/40A ★★NEW★★
★ 13.8V, 40A continuous output
★ 50A maximum output current
★ Large 50A current meter
★ Large output voltmeter
★ LED shut down indicator
★ LED out of regulation indicator
★ Output sensing terminals
★ Fully protected

£225.40

BNOS Electronics, Dept RC, Greenharbour, Dutton Hill
Gt Dunmow, Essex CM6 3PT. Tel: 1037 1841 767

All prices inclusive of VAT: SAE for further details

POSTAGE FREE ON ALL MAINLAND UK ORDERS OVER £5.
for orders under £5 please add 60p for P&P

UHF CONNECTORS

PT. No.	TYPE	PRICE
Plugs		
BU 01	PL259 for Ø 0.4in cable (UR67)	0.47
BU 01A	Reducer for Ø 0.2in cable	0.12
BU 01B	Reducer for Ø 0.25in cable	0.12
BU 02	as BU 01 but with metric thread	0.56
BU 03	PL259 for Ø 0.2in cable	0.56
BU 04	PL259 push on connector	0.81
BU 05	PL259 elbow plug for Ø 0.2in cable	0.78
Sockets		
BU 11	SO259 square flange	0.40
BU 12	SO259 single hole, inside nut	0.47
BU 13	SO259 single hole, outside nut	0.47
Couplers		
BU 21	Back to back female	0.57
BU 22	Back to back male	0.79
BU 23	Male to female elbow	1.13
BU 24	1 male, 3 female 'T'	1.35
BU 25	3 female 'T'	1.46
BU 26	Female to female lightning arrestor	1.22
Adaptors		
BU 31	UHF plug to BNC plug	1.75
BU 32	UHF plug to BNC socket	1.15
BU 33	UHF socket to BNC plug	1.49
BU 34	UHF socket to BNC socket	1.64
BU 36	UHF plug to N socket	2.90
BU 37	UHF socket to N plug	2.90

DUMMY LOAD		
BL 01	PL259 connector, 50 ohm impedance, 30W max, 15W continuous rating, OC-150 MHz, VSWR less than 1.2:1	6.78

PREAMP TRANSISTORS		
3SK88	145MHz, 26dB gain, 1.1dB NF	1.05
8F981	145MHz, 18dB gain, 0.7dB NF	1.38
8FR91	432MHz, 18dB gain, 1.9dB NF	1.50

LOW COST TO220 RF POWER TRANSISTORS		
BP8-12	145MHz, 10dB gain, 10W output	5.55
BP15-12	145MHz, 8dB gain, 20W output	5.85
BP30-12	145MHz, 6dB gain, 40W output	6.85
BP30-12L	as above with base and collector reversed for push pull cct.	6.85

All figures are approx for the above devices when used in a tuned circuit. Full data sheets and circuits are provided with all orders.



THE WAY AHEAD
SLIMLINE MASTS or LATTICE TOWERS
FIXED TOWERS or MOBILE TRAILERS
PORTABLE MASTS or WINDOW MOUNTING
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 - WIND LOADING BASED ON CP3 CHAP V PT. 2.

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THE VERY POPULAR SM30 SLIMLINE MAST, Unobtrusive, Telescopic, Tiltover, up to 31ft. SM30WM (Wall Mount) £230.00. SM30PM (Post Mounting) £241.00. Optional Reducer Tube RT1 £12.50. Rotor Head RH1 £30.50. Ground Socket GS1 £23.50.

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Post Mounted (PM) Wall Mounting (WM)
AT 32PM 'Mini Tower' up to 32ft £360.00
AT 42PM Series 2 up to 44ft £506.00
AT 52PM (Heavy Duty) Series 2 up to 56ft £599.00
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