

Unregulated Linear Power Supplies



Blackline Series 100 Watts to 750 Watts Bulk DC Linear Power



The "Blackline" series of Bulk DC power supplies have high surge current capability, floating output, thermal dissipation, and computer grade capacitors -- all in an open frame construction. Units are UL recognized.

FEATURES

- High Surge Current Capabilities
- MTBF to 500,000 hours per MIL 217E
- Maximum efficiency to 90%
- UL recognized to UL 1950
- FCC Level B EMI
- Floating output
- High quality transformer
- Open-frame construction
- Thermal dissipation
- Computer-grade capacitors
- Recognized to UL

APPLICATIONS

- DC Motors
- DC Relays
- Industrial Machinery
- Battery Chargers
- Solenoids

ELECTRICAL SPECIFICATIONS

AC INPUT

Input voltage is selectable by transformer taps for 115 or 230 Vac (10% taps are provided).

DC OUTPUT

VOLTAGE RATINGS: 7, 12, 16, 20, 24, 48 Volts

MAXIMUM RIPPLE: 3% rms at nominal line voltage, at full rated load

CATALOG NO.	TYPICAL VDC OUTPUT (@ 115 VAC IN)			AMPS FULL LOAD
	NO LOAD	HALF LOAD	FULL LOAD	
100B7HA	10.6	8.8	7.9	10.0
100B12HA	14.8	12.9	11.7	7.0
100B20HA	23.3	20.8	19.3	5.0
100B24HA	30.6	27.5	25.4	3.5
100B48HA	56.3	51.0	47.9	1.8
200B7HA	12.3	9.5	8.2	20.0
200B12HA	15.4	12.5	11.3	15.0
200B20HA	26.8	22.5	20.3	10.0
200B24HA	34.4	29.5	27.1	7.5
200B48HA	58.9	48.2	46.5	4.0
500B24HA	31.0	28.4	26.7	20.0
500B48HA	59.7	50.2	47.8	10.0
750B24HA	33.3	27.7	25.5	30.0
750B48HA	58.5	49.7	48.5	15.0

UNREGULATED LINEAR POWER SUPPLIES

BLACKLINE SERIES

15 Watts to 750 Watts Bulk DC Linear Power



Features

- High Surge Current Capabilities
- MTBF to 500,000 hours per MIL 217E
- Maximum efficiency to 90%
- UL recognized to UL 1950
- FCC Level B EMI
- Floating output
- High quality transformer
- Open-frame construction
- Thermal dissipation
- Computer-grade capacitors
- Recognized to UL

Applications

- DC Motors
- DC Relays
- Industrial Machinery
- Battery Chargers
- Solenoids

CATALOG NO.	TYPICAL VDC OUTPUT (@ 115 VAC IN)			AMPS FULL LOAD
	NO LOAD	HALF LOAD	FULL LOAD	
15B7HA	11.2	8.7	7.4	1.8
15B12HA	16.4	13.8	11.2	1.2
15B16HA	22.1	19.0	16.7	0.9
15B24HA	32.0	28.0	25.0	0.6
30B7HA	11.0	9.1	7.9	3.0
30B12HA	16.0	13.3	11.5	2.4
30B20HA	26.4	22.9	20.4	1.5
30B24HA	33.4	29.1	25.7	1.2
60B7HA	10.2	8.4	7.5	6.0
60B12HA	15.8	13.4	12.0	4.8
60B20HA	25.0	21.9	20.0	3.0
60B24HA	30.4	26.8	24.6	2.4
100B7HA	10.6	8.8	7.9	10.0
100B12HA	14.8	12.9	11.7	7.0
100B20HA	23.3	20.8	19.3	5.0
100B24HA	30.6	27.5	25.4	3.5
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Blackline Series Electrical Specifications

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