



INTERNATIONAL SERIES LINEARS

Power-One produces the industry's broadest selection of linear power supplies with output voltages from 5 volts through 250 volts. Rugged technology and proven design merge to create quiet, highly regulated, dependable DC power. **FEATURES:** Worldwide AC input capabilities: 100/120/220/230/240 VAC. $\pm 0.05\%$ output regulation. Low output ripple. UL, CSA, and TUV approvals. Mean time before failure (MTBF) in excess of 300,000 hours. CE marked to low voltage directive. 100% burn-in. 2 year warranty. Overvoltage protection (OVP) standard on 5V single outputs, optional for other outputs under 48V.

SINGLE OUTPUT MODELS

Cat. No.	Output Voltage	Voltage/Current	Case Size	Net Price
HB5-3/0VP-A	5	5V @ 3A (Note 1, 5)	B	\$71.34
HC5-6/0VP-A	5	5V @ 6A (Note 1, 5)	C	111.82
HD5-12/0VP-A	5	5V @ 12A (Note 1, 5)	D	173.56
HB12-1.7A	12	12V @ 1.7A (Note 5)	B	67.23
HA15-0.9-A	15	15V @ 0.9A (Note 2)	B	63.11
HB15-1.5-A	15	15V @ 1.5A (Note 5)	B	69.97
F15-15-A	15	15V @ 15A (Note 2, 5, 6, 10)	F	359.46
HB24-1.2-A	24	24V @ 1.2A (Note 2)	B	71.34
HC24-2.4-A	24	24V @ 2.4A (Note 5)	C	102.21
HN24-3.6-A	24	24V @ 3.6A (Note 5)	N	142.69
HD24-4.8-A	24	24V @ 4.8A (Note 5)	D	163.27
HE24-7.2-A	24	24V @ 7.2A (Note 5)	D	224.32
F24-12-A	24	24V @ 12A (Note 2, 5, 6, 10)	F	359.46

NOTES: 1) Overvoltage protection provided. Set at 6.2V $\pm 0.4V$. 2) Adjustable outputs: F15-15-A: 12-15V, F24-12-A: 24-28V. 5) Remote sense provided. 6) With output inhibit and parallel operation master/slave capability. 10) Model requires 100 LFM forced air cooling above 75% of rated output power.

DUAL OUTPUT MODELS

Cat. No.	Output Voltage	Output Number 1	Output Number 2	Case Size	Net Price
HAA15-0.8-A	$\pm 12V$ to $\pm 15V$	+12V @ 1A or +15V @ 0.8A (Note 5)	-12V @ 1A or -15V @ 0.8A or -5V @ 0.4A (Note 5)	AA	\$87.81
HBB15-1.5-A	$\pm 12V$ to $\pm 15V$	+12V @ 1.7A or +15V @ 1.5A (Note 5)	-12V @ 1.7A or -15V @ 1.5A or -5V @ 0.7A (Note 5)	BB	112.50
HCC15-3-A	$\pm 12V$ to $\pm 15V$	+12V @ 3.4A or +15V @ 3A (Note 5)	-12V @ 3.4A or +15V @ 3A (Note 5)	CC	179.04
HDD15-5-A	$\pm 12V$ to $\pm 15V$	+12V or 15V @ 5A (Note 5)	(-)12V or 15V @ 5A	E	264.79
HBB24-1.2-A	$\pm 18V$ to $\pm 24V$	+18-20V @ 0.9A or +24V @ 1.2A	(-)18-20V @ 0.9A or -24V @ 1.2A	BB	123.48

NOTE: 5) Remote sense provided.

TRIPLE OUTPUT MODEL

Cat. No.	Output Number 1	Output Number 2	Output Number 3	Case Size	Net Price
HTAA-16W-A	5V @ 2A (Note 1, 4)	+12V to 15V @ 0.4A	(-)12V to 15V @ 0.4A or -5V @ 0.4A	AA	\$112.50

NOTES: 1) Overvoltage protection provided. Set at 6.2V $\pm 0.4V$. 4) Isolated outputs, can be referenced as positive (+) or negative (-).



Q SERIES INDUSTRIAL ISOLATED DC/DC, 75-150 WATT CONVERTERS

This extremely compact DC/DC converter incorporates high efficiency, high reliability, low ripple, inrush current protection, short circuit protection, and input overvoltage/undervoltage lock-out. An output power good signal and an output LED indicate the operation status. N+1 redundant operations possible with unrestricted series or parallel connection capabilities of all outputs. In parallel connection of several units, automatic current sharing is provided by a single wire interconnection. The 19" cassette occupies 3U/4TE and can also be chassis-mounted by means of four M3 screws. H15 connector per DIN 41612. **FEATURES:** Efficiencies up to 91%. 4300VDC isolation. Ambient temperature range: -25° to 50°C V. Designed for redundant and hot plug applications. Approved to EN60950 and UL 1950.

Cat. No.	Input Range VDC	Output VDC	Output A	Net Price
BQ-2320-7R	14.4 to 36	12	10	\$864.35
BQ-2660-7R	14.4 to 36	24	6	864.35