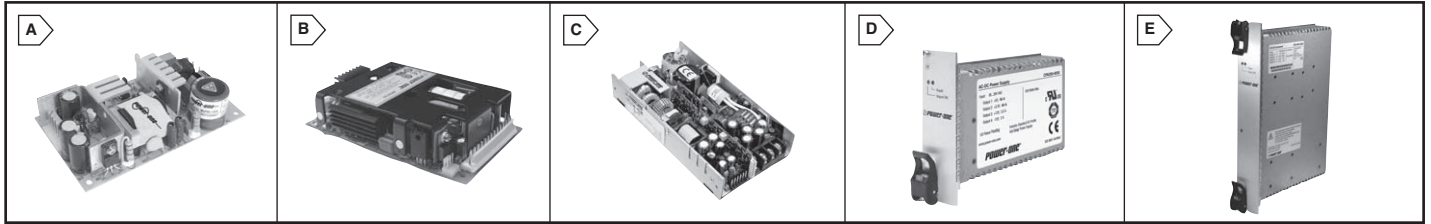


# POWER-ONE Power Supplies



RoHS Compliant This product is RoHS compliant.



## BLP55 AC-DC SINGLE & TRIPLE OUTPUT SERIES

**Features:**

- Input Voltage: 85-264VAC
- Industry-standard 3" x 5" Footprint
- Main output remote sense and an internal EMI filter
- CE marked to Low Voltage Directive
- Compliance to EN61000-4-2/-3/-4/-5/-6/-8



RoHS Compliant  
For quantities of 50 and up, call for quote.

| MOUSER STOCK NO.     | Power-One Part No. | Fig. | Output Voltage (V)   | Max. Output Current | Power | Dimensions: in |      |      | Price Each |       |       |
|----------------------|--------------------|------|----------------------|---------------------|-------|----------------|------|------|------------|-------|-------|
|                      |                    |      |                      |                     |       | L              | W    | H    | 1          | 10    | 25    |
| <b>Single Output</b> |                    |      |                      |                     |       |                |      |      |            |       |       |
| 784-BLP55-1005G      | BLP55-1005G        | A    | 5V                   | 12A                 | 55W   | 5.00           | 3.00 | 1.25 | 36.48      | 33.25 | 30.40 |
| 784-BLP55-1012G      | BLP55-1012G        | A    | 12V                  | 5A                  | 55W   | 5.00           | 3.00 | 1.25 | 36.48      | 33.25 | 30.40 |
| 784-BLP55-1024G      | BLP55-1024G        | A    | 24V                  | 2.5A                | 55W   | 5.00           | 3.00 | 1.25 | 36.48      | 33.25 | 30.40 |
| <b>Triple Output</b> |                    |      |                      |                     |       |                |      |      |            |       |       |
| 784-BLP55-3000G      | BLP55-3000G        | A    | +5V<br>+12V<br>-12V  | 7A<br>4A<br>1A      | 55W   | 5.00           | 3.00 | 1.25 | 40.32      | 36.75 | 33.60 |
| 784-BLP55-3300G      | BLP55-3300G        | A    | +3.3V<br>+5V<br>+12V | 7A<br>4A<br>1A      | 55W   | 5.00           | 3.00 | 1.25 | 40.32      | 36.75 | 33.60 |

## AC-DC MULTIPLE OUTPUT SERIES

**Features:**

- Input Voltage: 90-264VAC
- Power factor correction
- Power good signals



RoHS Compliant  
For quantities of 50 and up, call for quote.

**MPB/MPU Series**

| MOUSER STOCK NO.  | Power-One Part No. | Fig. | Output Voltage (V)           | Max. Output Current          | Power | Dimensions: in |      |      | Price Each |        |        |
|-------------------|--------------------|------|------------------------------|------------------------------|-------|----------------|------|------|------------|--------|--------|
|                   |                    |      |                              |                              |       | L              | W    | H    | 1          | 10     | 25     |
| 784-MPB125-2005G  | MPB125-2005G       | B    | +5V<br>+12V                  | 25A<br>.5A                   | 125W  | 5.00           | 3.00 | 1.25 | 92.73      | 85.00  | 80.95  |
| 784-MPB125-2012G  | MPB125-2012G       | B    | +12V<br>12V                  | 10.5A<br>.5A                 | 125W  | 5.00           | 3.00 | 1.25 | 89.25      | 85.00  | 80.95  |
| 784-MPB125-2024G  | MPB125-2024G       | B    | +24V<br>12V                  | 5.2A<br>.5A                  | 125W  | 5.00           | 3.00 | 1.25 | 89.25      | 85.00  | 80.95  |
| 784-MPB125-2048G  | MPB125-2048G       | B    | +48V<br>12V                  | 2.6A<br>.5A                  | 125W  | 5.00           | 3.00 | 1.25 | 89.25      | 85.00  | 80.95  |
| 784-MPB125-3000G  | MPB125-3000G       | B    | +5V<br>+12V<br>-12V          | 16.5A<br>5A/9Apk<br>.5A      | 125W  | 5.00           | 3.00 | 1.25 | 89.25      | 85.00  | 80.95  |
| 784-MPB125-4350G  | MPB125-4350G       | B    | +3.3V<br>+5V<br>+12V<br>-12V | 10A<br>15A<br>5A/9Apk<br>.5A | 125W  | 5.00           | 3.00 | 1.25 | 89.25      | 85.00  | 80.95  |
| 784-MPB125-4350RG | MPB125-4350RG      | B    | +3.3V<br>+5V<br>+12V<br>-12V | 10A<br>15A<br>5A/9Apk<br>.5A | 125W  | 5.00           | 3.00 | 1.25 | 107.10     | 102.00 | 97.14  |
| 784-MPB150-2012G  | MPB150-2012G       | B    | +12V<br>12V                  | 12.5A<br>0.5A                | 150W  | 5.00           | 3.00 | 1.25 | 99.64      | 92.73  | 90.48  |
| 784-MPB150-2024G  | MPB150-2024G       | B    | +24V<br>12V                  | 6.0A<br>.5A                  | 150W  | 5.00           | 3.00 | 1.25 | 99.64      | 92.73  | 90.48  |
| 784-MPB150-2048G  | MPB150-2048G       | B    | +48V<br>12V                  | 3.1A<br>.5A                  | 150W  | 5.00           | 3.00 | 1.25 | 99.64      | 92.73  | 90.48  |
| 784-MPU150-4350G  | MPU150-4350G       | C    | +3.3V<br>+5V<br>12V<br>12V   | 30A<br>15A<br>3A<br>3A       | 150W  | 8.00           | 4.20 | 1.50 | 306.79     | 267.75 | 253.90 |
| 784-MPU150-4530G  | MPU150-4530G       | C    | +5V<br>+3.3V<br>12V<br>12V   | 30A<br>15A<br>3A<br>3A       | 150W  | 8.00           | 4.20 | 1.50 | 306.79     | 267.75 | 253.90 |

## COMPACT PCI AC-DC AND DC-DC CONVERTERS

**Features:**

- Extremely high efficiency and high power density
- Low inrush current
- Flexible load distribution
- Inhibit and enable inputs
- Remote sense lines
- Single-wire current share for 3 outputs
- Hot-swap capability
- Positronic 47-pin connector
- Overtemperature, overvoltage, overcurrent, and overpower protection



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| MOUSER STOCK NO. | Power-One Part No. | Fig. | Operating Input Range | Output     |            |            | Rated Power | Price Each |        |        |
|------------------|--------------------|------|-----------------------|------------|------------|------------|-------------|------------|--------|--------|
|                  |                    |      |                       | Vo Nom (V) | Io Nom (A) | Io Max (A) |             | 1          | 10     | 25     |
| 784-CPD250-4530G | CPD250-4530G       | D    | 36-75VDC              | 5          | 25         | 40         | 250W        | 372.73     | 322.87 | 305.97 |
|                  |                    |      |                       | 3.3        | 20         | 40         |             |            |        |        |
|                  |                    |      |                       | 12         | 4          | 5.5        |             |            |        |        |
|                  |                    |      |                       | -12        | 1          | 2          |             |            |        |        |
|                  |                    |      |                       | 5          | 25         | 40         |             |            |        |        |
| 784-CPA250-4530G | CPA250-4530G       | D    | 90-264VAC<br>47-63HZ  | 5          | 25         | 40         | 250W        | 373.28     | 354.33 | 335.82 |
|                  |                    |      |                       | 3.3        | 20         | 40         |             |            |        |        |
|                  |                    |      |                       | 12         | 4          | 5.5        |             |            |        |        |
|                  |                    |      |                       | -12        | 1          | 2          |             |            |        |        |
|                  |                    |      |                       | 5          | 40         | 50         |             |            |        |        |
| 784-CPA500-4530G | CPA500-4530G       | E    | 90-264VAC<br>47-63HZ  | 5          | 40         | 50         | 500W        | 590.91     | 511.81 | 496.18 |
|                  |                    |      |                       | 3.3        | 50         | 60         |             |            |        |        |
|                  |                    |      |                       | 12         | 8          | 12         |             |            |        |        |
|                  |                    |      |                       | -12        | 3          | 4          |             |            |        |        |
|                  |                    |      |                       | 5          | 40         | 50         |             |            |        |        |

