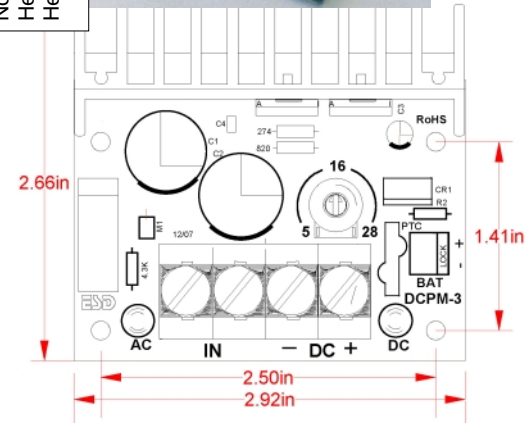
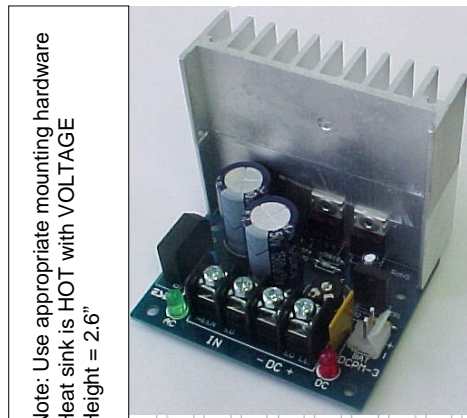


**DCPM-3 Series 3 Amp**

- DCPM-3-A 5-28VDC Adjustable DC Power Supply module
- LP-3-12 12VDC 3A Power Supply/Charger module
- LP-3-24 24VDC 3A Power Supply/Charger module
- LP-3ESX12 DCPM-3-12, TX-16100, in 8"x9" Enclosure
- LP-3EX24 DCPM-3-24, TX-24100, in 14"x9" Enclosure
- LP-3EX12 DCPM-3-12, TX-16100, PDM-4, in 14"x9" Enclosure
- LP-6EXDP 12v 3A, TX16100, 24v 3A, TX24100, in 14"x9" Encl.

**Features:**

- Up to 3 Amps of Continuous DC Output Current
- 12v & 24v models have battery charger with instant Transfer to Standby
- Clean Linear Power
- Electronically Protected Against Over Current and Temperature
- Precise Output Regulation
- Input and Output are Surge Protected
- Input can be low AC or DC volts
- Multiple units may be connected in Parallel for Higher Output Current
- Available as a module or mounted in any one of our Enclosures with any of our transformers and accessions
- Quality Manufactured in the USA with a Life time warranty



**Description**

The DCPM-3 series power supplies are a versatile series of 3 Amp linear power supplies that are clean, well regulated with protected against overheating, over current, and reversed battery connection. This clean performance allows these power supplies to power the most sensitive electronic devices. The DCPM-3-A is adjustable from 5-28VDC that can be used as a universal supply to power a wide variety of devices requiring up to 3 Amps. The LP-3-12, 12v and LP-3-3-24, 24v are fixed power supplies with Battery Chargers that can provide uninterruptable low voltage power with the appropriate lead acid battery(s). The lead acid batteries may be any AH capacity you require from 4AH to 100AH depending on your standby requirements. The LP-3 battery charger will

Precisely charge a Sealed, Gel, AGM, or flooded Lead Acid Battery(s)

The LP-3's with battery charger have a 4A auto resetting PTC Circuit Breaker between the Battery and the DC output to protect against over current.

To test the LP-3's with standby batteries. It is recommended that on a regular basis, the output should be checked for proper voltage and current while the AC power is disconnected.

Because these power supplies are a linear device that must dissipate all of the power between the input and the output please review the output current graph below to be sure your input voltage, output voltage and load current comply.

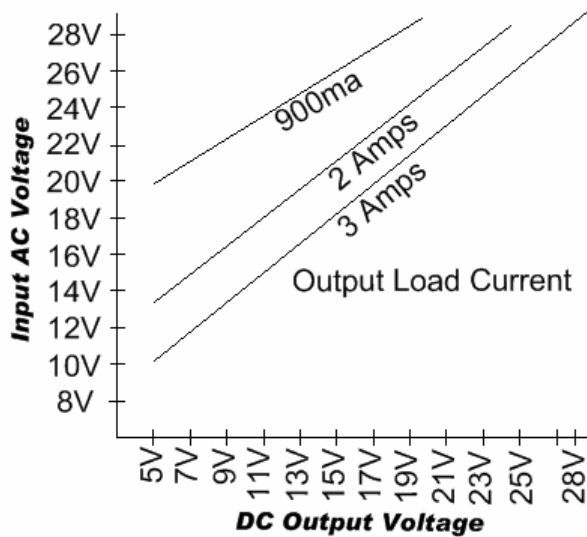


Electronic Security Devices  
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02/09 © Technical Literature jdb - \dcpm\dcpm3TechSales - specifications subject to change

Manufacturers of High Quality Security Devices

Phone: (209) 229-7140 Fax: (209) 229-7145  
ESD@SecurityPower.com www.SecurityPower.com



**Input AC Transformer**

Terminals 1 & 2 identified by ..... IN  
 LP-3-12 12vdc at 3A DC Output 14 – 18vac at 80VA  
 LP-3-24 24vdc at 3A DC Output 24-28vac at 100VA  
 DCPM-3 AC or DC ..... 5 – 28vac at 100VA

Input, Output, & Load current must comply with graph

**AC LED Indicator** ..... Green LED

**DC LED Indicator** ..... Red LED

**DC OUTPUT**

Terminal 3 & 4 identified by ..... -DC+  
 DC Output voltage Nominal ..... 12vdc/24vdc/5-28v  
 Output voltage typical 13.65vdc/27.30vdc/5-28vdc  
 DC Current maximum continuous rating ..... 3.0A  
 If charging standby Battery Reserve ..... 500ma  
 Ripple @ 80% load ..... 40mv pp Typ  
 Short circuit current limiting ..... Yes  
 Thermally Protected ..... Yes  
 1 year long term Stability ..... .03VDC

**Battery Charging: LP-3-12 & LP-3-24 (Header plug marked [-Bat+])**

The battery charger is precision set to float charge 12V or 24V Sealed, Gel or wet lead acid batteries. Two 12V batteries are connected in series for 24V. A 12" battery cable assembly is provided to connect the module to a battery. Red (+) 12vdc, Black (-) Neg.

Optional 12" cable assembly for connecting two 12v batteries in series for 24volts ..... 24SW

Optional 36" battery cable (1) P/N: ..... WA-36IBAT

Amp Hour capacity range ..... 4AH-100AH

Battery Fuse ..... 4A PTC

Reverse battery hookup protection ..... Yes

The recharge Rate = 3 – Load

Hours to recharge = Bat AH capacity /Amp Rate

To select battery(s), see standby selection table

[www.securitypower.com/an3batby.pdf](http://www.securitypower.com/an3batby.pdf) .

**Environmental:**

Humidity ..... 95% RH Non Condensing

Ts Storage Temperature ..... -40°C – 85°C

Ot Operating Temperature Range 100% rating:

Ot module only ..... -20°C – 36°C

Ot mounted in Enclosure ..... -20°C – 26°C

Each 3% load reduction increases Ot by: . 1°C

**Mechanical Characteristics:**

Center-to-Center Terminal Block Spacing with Wire ready self Clamping Screws ..... .375"

Module Size ..... 2.66"H x 2.92"W x 2.6"D

Mounting Holes Center-to-Center .. 1.41"W x 2.5"H

"ES" Enclosure size .....8"W x 9"H x 3.5"D

"E" Enclosure size ..... 14"W x 9"H x 3.5"D

DCPM-3 module ..... 3.6oz

100va Transformer ..... 2.8lbs

**Safety**

DCPM-3 Series meets safety UL1950 & EN60950

Lead Free RoHS compliant

