

DuraComm[®]
POWER SUPPLIES

Retail Price List
April, 2011



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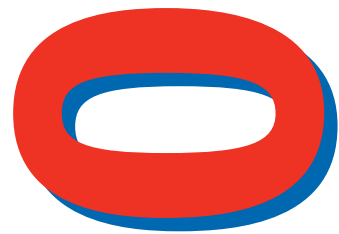
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DC-DC Converters

Low Voltage Disconnects

Environmentally Hardened

Desk Top Power Supplies

Rack Mount Power Supplies

Battery Management Systems

Battery Chargers

Security Series

Power Distribution Panels

Power Source Utilities

Power Block Modules

Wind Power Generators

DuraComm is your complete source for ultra reliable AC to DC switch mode power supplies, DC to DC converters, battery management and charging systems, power distribution and complementary products.

Inside this catalog you will find a complete line of OEM/industrial power supplies, as well as **NEW** products including the **DCDC Series** (page 3), the **DIN-LVD Series** (page 4) and **Wind Power Generators - DJET Series** (page 28).

DuraComm continues to offer our 2 year warranty on all models. Additional product and technical information can be found on our website: www.duracomm.com.

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Rack Mount DC to DC Converters

24 to 12 VDC, 24 to 24 VDC, 48 to 12 VDC, 48 to 24 VDC and 48 to 48 VDC



(front view)



(rear view)

features

- 1000 watts of power
- Low Voltage Disconnect
- Meter: Voltage/Amperage selectable
- Thermostat control forced air cooling
- Protections: short circuit/overload/over temperature
- Remote Control On/Off
- Output DC OK signal (open collector signal)
- 2000 VAC I/O isolation

Weight – 12 lbs
3.5" H x 19" W x 11" D

specifications

Model Number	Input Voltage Range	Output Voltage	Output Voltage Range	Output Current (Max)	Disconnect/Reconnect Voltage
DCDC-24-12	20-30 VDC	12 VDC	11-15 VDC	60 Amps	23/25 VDC
DCDC-24-24	20-30 VDC	24 VDC	23-29 VDC	25 Amps	23/25 VDC
DCDC-48-12	40-60 VDC	12 VDC	11-15 VDC	60 Amps	44/50 VDC
DCDC-48-24	40-60 VDC	24 VDC	23-29 VDC	40 Amps	44/50 VDC
DCDC-48-48	40-60 VDC	48 VDC	46-60 VDC	20 Amps	44/50 VDC

pricing

Model Number	Retail Each
NEW! DCDC-24-12	\$990.00
NEW! DCDC-24-24	\$990.00
NEW! DCDC-48-12	\$1015.00
NEW! DCDC-48-24	\$1015.00
NEW! DCDC-48-48	\$1015.00

LVD - Low Voltage Disconnect series

Protects equipment that is sensitive to low voltage during battery operation

features

- Disconnects battery at pre-set voltage
- Reconnects once power is restored
- Stops battery damage due to excessive discharging

The "Original" LVD Series

Weight - 1.75 lbs
3"H x 8"W x 5"D



LVD-RM Series

DuraComm LVD mounted on standard 19" EIA rack panel

Weight - 4 lbs
3.5"H x 19"W x 5.25"D



NEW! DIN-LVD Series

DIN Mountable Low Voltage Disconnect



30 Amp*

- 12 and 24 Volt systems up to 30 Amps

Weight - 1.5 lbs
5"H x 1 7/8"W x 4"D



50/75 Amp

- 12 Volt systems up to 75 Amps
- 24/48 Volt systems up to 50 Amps
- Can be installed on DIN Rail TS-35/7.5 or I5

Weight - 1.75 lbs 8"H x 3"W x 5"D

specifications

Model Number	Amps (Max)	Voltage	Disconnect / Reconnect Voltage
LVD-12 / LVD-12-RM	75	12VDC	10.8-12.5 VDC
LVD-24 / LVD-24-RM	50	24VDC	23-25 VDC
LVD-48 / LVD-48-RM	50	48VDC	44-50 VDC
* DIN-LVD-12-30	30	12VDC	10.8-12.5 VDC
* DIN-LVD-24-30	30	24VDC	23-25 VDC
DIN-LVD-12	75	12VDC	10.8-12.5 VDC
DIN-LVD-24	50	24VDC	23-25 VDC
DIN-LVD-48	50	48VDC	44-50 VDC

pricing

Model Number	Retail Each
LVD-12	\$167.00
LVD-24	\$167.00
LVD-48	\$201.00
LVD-12-RM	\$194.00
LVD-24-RM	\$194.00
LVD-48-RM	\$225.00
NEW! DIN-LVD-12-30	\$127.00
NEW! DIN-LVD-24-30	\$127.00
NEW! DIN-LVD-12	\$184.00
NEW! DIN-LVD-24	\$184.00
NEW! DIN-LVD-48	\$210.00

EH series

400 Watt AC/DC Desk Top Power Supply

features



Weight - 4.5 lbs
7"W x 8.5"D x 3"H

- Universal AC input - full range (90 ~ 264 VAC / 127 ~ 370 VDC)
- Working temperature range: -30 ~ +60C
- Battery back up and charging function circuit
- Active PFC function for "green" performance and energy savings
- Built-in parallel capability for load-share applications
- Over load / over temperature / over voltage / short circuit protections
- Compatible with all DuraComm LP hoods for custom mounting of mobile radios

specifications

Model Number	Amps (Max)	Input Voltage	Output VDC
EH-30	30	90-264 VAC / 127-370 VDC	13.8

EH - Indoor / Outdoor Power Supply series



Weight - 35 lbs
16" H x 14" W x 7" D

**Environmentally Hardened
NEMA 3R Weatherproof**



**Protected from dust,
dirt, oil and water in a
16 gauge steel body and door**

- Indoor or outdoor, wall-mount (with 14 gauge welded wall mounting brackets/flanges)
- 110 VAC or 220 VAC input (factory set)
- Low voltage disconnect for 12 VDC, 24 VDC or 48 VDC
- AC input or power supply fail, relay contacts
- LED indication for DC out and AC fail
- AC input breakers (included)
- Output with 5 fuse distribution block
- Internal battery (included)

specifications

Model Number	Amps (Max)	Output VDC	Internal Battery
EH-12-15N	14	13.8	12 Volts - 12 Ah
EH-24-10N	10	27.5	24 Volts - 7 Ah
EH-48-5N *	5	55.2	48 Volts - 7 Ah

* NEMA 4X Fiberglass Polyester enclosure measuring 16.2" H x 14.4" W x 8.1" D

pricing

Model Number	Retail Each
EH-30	\$260.00
EH-12-15N	\$980.00
EH-24-10N	\$980.00
EH-48-5N	\$1160.00



Manufactured to **ISO 9001**
Quality Assurance



• Filtered & Regulated

Noise and ripple are less than 100 millivolts P-P. Output voltage can be adjusted from 10 to 14 volts. Units are normally shipped set for 13.8 volts. The unit will maintain regulation with input voltages from 100 to 130 or 200 to 260 VAC, and meets FCC regulations for Part 15, Class B.

• Forced Air Cooling

Models LP-18 and LP-25 have a thermostatically controlled fan to control heat build up. Side ventilation louvers allow a mobile to be set on top with an LPH Hood for a custom desktop package.

• Redundant Temperature Protection

LP series power supplies will detect excessive temperature conditions and temporarily shut down until a safe operating temperature is reached.



- LP-14N has a hard wired 3' cord with Motorola SAE connector instead of binding posts.

Model	LP-10	LP-14	LP-14N	LP-18	LP-25
DC Output Voltage	13.8 VDC				
Regulation	+/- 1%				
Output Amps Max	10	14		18	25
Output Amps continuous	7	11		14	22
Output Ripple & Noise	<100 mv P to P				
Input Voltage Range	100-130 or 200-260 VAC				
Typical Efficiency	80%				
Cooling Method	Convection	Convection		Thermostatically Controlled Fan	
Overload Protection	Foldback limited at 120% of maximum				
Over Voltage Protection	15.5 VDC, auto-reset; AC power off for 15 seconds				
Dimensions	7"W X 7.62"D X 1.75"H				
Weight	2.9 lbs.	2.9 lbs.		3.1 lbs.	3.4 lbs.

LPBC-25 series

Battery Back-Up Module

Add an LPBC-25 Module and a Suitable Battery to Any 20 Amp (12 or 24 VDC) Power Supply to Provide Solid State Battery Back-Up.

- Dual shottky diodes provide protective isolation and seamless transfer to battery when power goes down. No relays to fail.
- LPBC-25 automatically provides float charge, battery maintenance when power is restored.

Weight - 1.5 lbs



pricing

Model Number	Retail Each
LP-10	\$87.00
LP-14	\$102.00
LP-14N	\$115.00
LP-18	\$127.00
LP-25	\$165.00
LPBC-25	\$81.00

Low Profile Desktop Hoods

Use your existing radio with our LP power supply and one of our desk top hoods to get that "custom" look. Fits most popular brands of radios. Installs in minutes.



HOOD NAME	WIDTH*	HEIGHT*	RADIO MOUNT HOLE (from top)	OVERALL HEIGHT
ICOM 221S	5 7/8"	2 5/8"	(2) 3/4"	4 5/8"
KEN/S	5 5/8"	1 5/8"	(2) 3/4"	3 5/8"
KEN/L	7 1/16"	2 1/2"	(3) 1 1/4"	4 1/4"
KEN-81/MIDLAND	6 5/16"	2 5/8"	(2) 1"	4 1/2"
MOT/S/TRBO	6 1/2"	2 1/4"	(1) 1 1/8"	4"
MOT/L	7 1/16"	2 3/16"	(1) 1"	4"
MOT/CDM	6 5/8"	2 1/4"	(1) 1"	4 1/8"
MOT-PM/VTX	6 5/8"	2 1/2"	(2) 1 1/8"	4 5/16"
MAX/GE (MIDLAND)	7"	2 3/8"	(1) 1"	4 1/4"

*Width and Height are measurements of radio compartment not overall hood

ICOM 221S

ICOM-221S
TEK-800
TEK-900
F502I
F602I

KEN/S

TK 705
TK 805
TK 840
TK 940, 941
TK 760, 762
TK 860, 862
TK 780, 880
TK 980
ICOM-F62I

KEN/L

TK 630
TK 730
TK 830
TK 930
TK931HD
90-SERIES
TK-5710
TK-7150
TK-8150
MACOM-M7100/7300

KEN-81 SERIES/MIDLAND

TK-8160
TK-8180
TK-7180
NEXEDGE 700/800

KEN-81 SERIES/MIDLAND (continued)

MIDLAND MO
1016
4016
1008
4008
ICOM-F506I / 606I

MOT/S

SM-50
SM-120
MOTO / TRBO
VTX-2100

MOT/L

M-120 / M-130
GM-300

MOT/L (continued)

APX-7500
ASTRO XTL

MOT/CDM

MIDLAND 3215/3245
CM-SERIES

MOT-PM/VTX

MOT-PM400
VERTEX 41-4200
VERTEX 2200

MAX/GE

MAXON SM-2000
SM-2540

pricing

Model Number

Retail Each

LPH-ICOM 221S	\$21.00
LPH-KEN/S	\$21.00
LPH-KEN/L	\$21.00
LPH-KEN81 Series/MIDLAND	\$21.00
LPH-MOT/S	\$21.00
LPH-MOT/L	\$21.00
LPH-MOT/CDM	\$21.00
LPH-MOT-PM/VTX	\$21.00
LPH-MAX/GE	\$21.00

DTHP-4012

High Power (600 W) Desk Top Power Supply

Economical Higher Power in a 12V Desk Top

- Compatible with LPH radio hoods to create desk top base stations
- Includes in-rush current limiting
- Fan cooling
- Short circuit / over load / over temperature protections
- Heavy duty post output connectors



Weight - 10 lbs
2.75"H x 6.75"W x 14.5"D

Model Number	Amps (Max)	Input Voltage	Adjustable Output VDC
DTHP-4012	40	110 or 220 VAC (Factory Set)	12-15

pricing

Model Number	Retail Each
DTHP-4012	\$350.00

LPB-12 & LPB-15 & LPB-12H

Desk Top Power Supplies with Built In Battery

- Universal input 88~264 VAC
- Short circuit / over temperature / over load protections
- Built in EMI filter
- Front panel DC output indicator (LPB-12, LPB-15)
- Front panel indicator for AC fail (LPB-12H)
- Internal battery automatically recharges when AC power is restored
- Compatible with all DuraComm LP hoods for custom mounting of mobile radios



LPB-12
LPB-15

Weight - 7.75 lbs
3.75"H x 7"W x 10"D



LPB-12H

Weight - 13 lbs
3.75"H x 7"W x 16"D

specifications

Model Number	Amps Cont	Amps Inter	Output VDC	Internal Battery
LPB-12	7	12	13.8	7 Ah
LPB-15	12	15	13.8	7 Ah
LPB-12H	12	15	13.8	12 Ah

pricing

Model Number	Retail Each
LPB-12 (w/ Battery)	\$220.00
LPB-15 (w/ Battery)	\$320.00
LPB-12H (w/ Battery)	\$410.00

RU1 series

One Rack Unit AC/DC, DC/DC Space Savers

Space Saver: Only 1 3/4" High Rack Mount Supplies

Saves Leasing Costs With Minimum Rack Space and Maximum Performance!

- Auto ranging input; full range 85-264VAC; 120-370VDC
- Short circuit / over load / over voltage / over temperature protections
- 25% energy savings with power factor correction feature
- Built in remote sense
- Remote on / off control



Weight - 6.5 lbs
1.75"H x 19"W x 7"D

specifications

<i>Model Number</i>	<i>Amps (Max)</i>	<i>Input Voltage</i>	<i>Adjustable Output VDC</i>
RUI-4012	40	85-264 VAC; 120-370 VDC	12-15
RUI-2024	20	85-264 VAC; 120-370 VDC	24-29
RUI-1048	10	85-264 VAC; 120-370 VDC	48-56

pricing

<i>Model Number</i>	<i>Retail Each</i>
RUI-4012	\$380.00
RUI-2024	\$380.00
RUI-1048	\$395.00

RLP-5048 & RLP-5048M

Heavy Duty Rack Mount Power Supply for 220 VAC



(front view of 5048)



(front view of 5048M)

- High Power 48VDC power supply
- 50 Amps
- 2400 Watts of output power at 80% efficiency
- Short circuit / over load / over voltage / over temperature protections
- Usable in positive or negative ground applications with no changes
- 5048M has 1 meter for volts and 1 meter for current



(rear view of 5048M)

Weight - 30 lbs
5.25"H x 19"W x 13"D

specifications

<i>Model Number</i>	<i>Amps (Max)</i>	<i>Input Voltage</i>	<i>Output VDC</i>
RLP-5048	50	180-264 VAC	48
RLP-5048M	50	180-264 VAC	48

pricing

<i>Model Number</i>	<i>Retail Each</i>
RLP-5048	\$1545.00
RLP-5048M	\$1700.00

Heavy Duty AC to DC Power Supplies



NEW in 2011:

Manual battery disconnect switch on front panel for models with LVD.

Premium Features:

- **All RLP series** power supplies are enclosed in a ventilated, gold irridite aluminum chassis 13" deep.
- **Front panels are powder-coated aluminum** 3-1/2"(H) by 19"(W) with punchouts for rack mounting.
- **Lightweight**, corrosion resistant, excellent heat dissipation.
- **Output connections** are 1/4" threaded studs with nuts.
- **Large scale VOLT/AMP meter** with selector switch, front mounted ON/OFF switch. A charge status LED is provided when optional charger features are included.
- **AC input voltage is automatically selected** from 90 to 264 VAC/50~60Hz. Provides stable input when AC mains power fluctuates. This is an excellent selling feature for domestic and export sales to countries with older power grids. Models with smart charging (SC option) must be manually set to either 110 or 220 position. SC selector switch is on side of cabinet. No disassembly required.
- **PFC (power factor correction)** -This feature applies only to AC circuits. It is the ratio of real power (watts) delivered to apparent power VOLT AMPS (VA) or Kilo-volt amps(KVA). In AC circuits, the voltage is a SINE Wave. The current (amps) is also a Sine Wave. For maximum power to be delivered, the two Sine Waves must be in correct phase or "lock step." If the two are not in phase the AC voltage will peak before or after the AC current. This out of step condition will reduce the real power that can be delivered to and used by the load. The ratio of real to apparent power is the POWER FACTOR which is expressed in decimal or percentage. If the real power is 70 watts but the V/A is 100, the PF is 0.7 or 70 percent. For example, an incandescent lamp has a PF of .97 or better. An AC motor is typically 0.75 to 0.8. A poor (low) PF will cause excessively high current (amps) and heating of the load. Power factor correction maintains a high PF allowing more efficient use of electricity resulting in lower power costs, and longer component life.
- **Remote Sensing** - Regulated power supplies like the RLP series can sample the DC output voltage at the load and feed it back to the internal reference voltage of the power supply. The "regulator" adjusts the output voltage up or down as needed to compensate for line (voltage) loss between the output of the power supply and the input of the load, keeping the load input voltage constant. "Line loss" is a major consideration for installers and operators whose systems contain equipment with voltage-sensitive microprocessors where DC voltage fluctuation can scramble programmed codes and frequencies.
- **Remote Control** - Remote control is the ability to bring the RLP series power supply "on-line" from another location, either automatically or by manual control using low level signaling, typically 5-volts (TTL logic level.)
- **Safety Approvals** -The power modules used in the RLP series are UL Recognized for USA & Canada. They also have TUV (German) and CE (European) safety approval making them truly International spec compliant.

Heavy Duty AC to DC Power Supplies



- Power factor correction
- Universal input voltage 90-264 VAC automatic sensing
- Meter: voltage / amperage
- Inrush current limiting
- Remote sense / remote control
- Short circuit / over load / over voltage / over temperature protections
- Built in TTL remote control and DC-OK TTL signal (see table below)
- Modular design provides (N+1) redundancy (see table below)
- Optional smart charge system for batteries (factory installation)
- Optional low voltage disconnect (factory installation)
- Optional float battery charging system using power supply

Options - Factory Installed

BB - Battery back-up system (non-charging) utilizing diode isolation. A separate charger is required.

BC - Battery back-up system that includes both diode isolation and float charging. Uses power from power supply for battery charging.

SC - Smart charging module that monitors batteries for optimal charging and maintenance. Extends battery life. Recommended for Deep Cycle or Gel Cell batteries. Polarity protected.

LVD - Low Voltage disconnect for 12~15VDC, 24~29VDC, 48~56VDC systems. Stops battery damage due to over discharging. Protects equipment that is sensitive to low voltage during battery operation. Disconnects battery at an adjustable voltage. Disconnect range is 10.5~12VDC for 12 volt systems; 21~24VDC for 24 volt systems; 46~48VDC for 48 volt systems. Manual battery disconnect switch included.

OPTION SUFFIX

Model Number	Amps Max	VDC Output Range	OPTION SUFFIX					Weight lbs.	
			DC OK	N+1	Battery Charger	Battery Backup	Smart Charging		Low VDC Disconnect
RLP8012	80	12~15		X	NO	NO	NO	NO	21
RLP8012BBSCLVD	80	12~15		X	YES	YES	YES	YES	22
RLP4012	40	12~15	X		NO	NO	NO	NO	15
RLP4012BBSCLVD	40	12~15	X		YES	YES	YES	YES	16
RLP4024	40	24~29		X	NO	NO	NO	NO	21
RLP4024BBSCLVD	40	24~29		X	YES	YES	YES	YES	22
RLP2024	20	24~29	X		NO	NO	NO	NO	15
RLP2024BBSCLVD	20	24~29	X		YES	YES	YES	YES	16
RLP2048	20	48~56		X	NO	NO	NO	NO	21
RLP2048BBSCLVD	20	48~56		X	YES	YES	YES	YES	22
RLP1048	10	48~56	X		NO	NO	NO	NO	15
RLP1048BBSCLVD	10	48~56	X		YES	YES	YES	YES	16

pricing

Model Number	Retail Each
RLP8012	\$875.00
RLP8012BBSCLVD	\$1290.00
RLP4012	\$580.00
RLP4012BBSCLVD	\$915.00
RLP4024	\$875.00
RLP4024BBSCLVD	\$1290.00
RLP2024	\$580.00
RLP2024BBSCLVD	\$915.00
RLP2048	\$875.00
RLP2048BBSCLVD	\$1290.00
RLP1048	\$580.00
RLP1048BBSCLVD	\$915.00

Features Found On No Other Power Supply Systems For Such An Economical Price...

- Systems use, proven DuraComm “Power Block” switching modules (see pages 22-23).
- Modular design provides “N+1” redundancy for certain models (see table below).
- Selectable 110 or 220 VAC inputs.
- 19” Width fits standard EIA rack, and meets “half rack”, depth requirements.
- Thermostatically controlled fans come on only when needed, extending fan life.
- 80% Typical efficiency means low heat output and low power costs.
- Selectable Metering option available, measures voltage output and individual module current.
- Output voltage is adjustable; 11-15V for 12 VDC, 23-29V for 24 VDC, and 46-58V for 48 VDC units. Standard settings are 13.8V, 27.5V, and 48V. (Please specify, if different voltage desired.)
(Note: RM output voltages must be set to standard 13.8V, 27.5V, and 55.2V when using RMBC.)



Depth - 7.5"
See chart below
for Height & Weight

specifications

Model	Amps Max	Cont. Amps	Standard Set	Output Voltage Range	Panel Height	Weight	Meter	N+1
RM-2512	25	20	13.8 VDC	11-15 VDC	3.5"	8.5 lbs	NO	NO
RM-5012	50	36	13.8 VDC	11-15 VDC	3.5"	9.5 lbs	NO	YES
RM-5012M	50	36	13.8 VDC	11-15 VDC	3.5"	9.5 lbs	YES	YES
RM-7512	75	54	13.8 VDC	11-15 VDC	7.0"	16.5 lbs	NO	YES
RM-7512M	75	54	13.8 VDC	11-15 VDC	7.0"	16.5 lbs	YES	YES
RM-10012	100	72	13.8 VDC	11-15 VDC	7.0"	17.5 lbs	NO	YES
RM-10012M	100	72	13.8 VDC	11-15 VDC	7.0"	17.5 lbs	YES	YES
RM-1224	12.5	10	27.5 VDC	23-29 VDC	3.5"	8.5 lbs	NO	NO
RM-2524	25	20	27.5 VDC	23-29 VDC	3.5"	9.5 lbs	NO	YES
RM-2524M	25	20	27.5 VDC	23-29 VDC	3.5"	9.5 lbs	YES	YES
RM-5024	50	40	27.5 VDC	23-29 VDC	7.0"	17.5 lbs	NO	YES
RM-5024M	50	40	27.5 VDC	23-29 VDC	7.0"	17.5 lbs	YES	YES
RM-2548	25	20	48 VDC	46-58 VDC	7.0"	17.5 lbs	NO	YES
RM-2548M	25	20	48 VDC	46-58 VDC	7.0"	17.5 lbs	YES	YES
RM-1248	12	10	48 VDC	46-58 VDC	3.5"	9.5 lbs	NO	NO
RM-548	5	4	48 VDC	43-53 VDC	3.5"	8.5 lbs	NO	NO
RM-548M	5	4	48 VDC	43-53 VDC	3.5"	8.5 lbs	YES	NO

pricing

Model Number

Retail Each

RM-2512	\$250.00
RM-5012	\$410.00
RM-7512	\$590.00
RM-10012	\$765.00
RM-1224	\$250.00
RM-2524	\$410.00
RM-5024	\$765.00
RM-2548	\$765.00
RM-1248	\$410.00
RM-548	\$215.00
RM-5012M	\$485.00
RM-7512M	\$640.00
RM-10012M	\$815.00
RM-2524M	\$485.00
RM-5024M	\$815.00
RM-2548M	\$815.00
RM-548M	\$250.00

Combines with RM Series Power Supplies to Provide Solid State Battery Back Up Operation

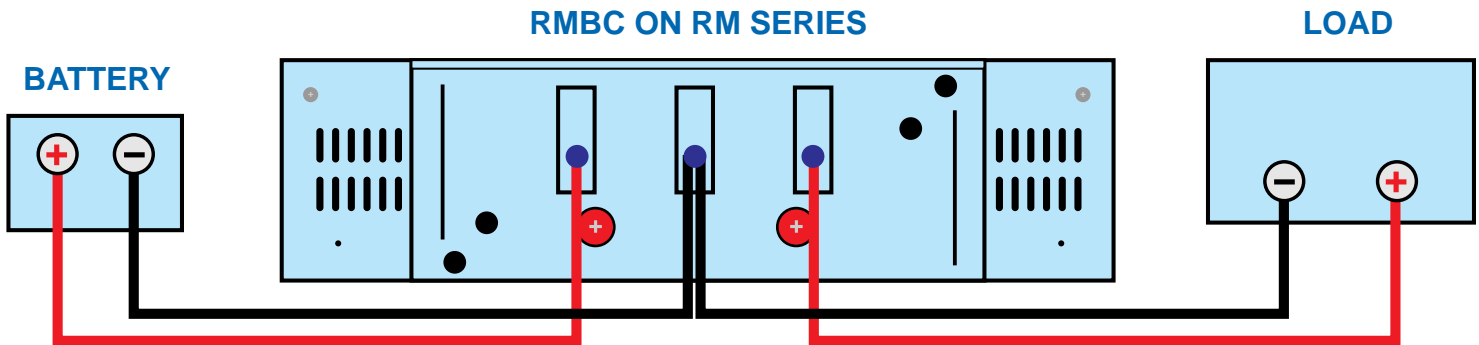
features

- Dual schottky diodes provide protective isolation and seamless transfer to battery when power goes down. No relays to fail.
- Handles up to 75 Amps continuous.
- Easy mounting on the back of 13.8, 27.5 and 48 Volt RM power supplies.
- Automatically provides float charge, battery maintenance when power is restored.
- Includes mounting hardware and wiring.
- Factory installation available if ordered with RM power supply, (please specify).
- Available with relay contacts for AC Fail.*



Weight - 1.75 lbs
3.5"H x 9"W x 3"D

application



specifications

Model	RMBC	Suggested Battery Capacity Amp / Hr.
Input Voltage Range	Up to 60 VDC	
Current Capacity	75 Amps Continuous	
Output Voltage to Load @ 13.8 Volts Input	13.4 VDC	75 - 100
Output Current to Battery @ 13.8 Volts Input	1 Amp Prox	
Output Voltage to Load @ 27.5 Volts Input	27.0 VDC	35 - 50
Output Current to Battery @ 27.5 Volts Input	1 Amp Prox	
Output Voltage to Load @ 55.2 Volts Input	54.9 VDC	20 - 30
Output Current to Battery @ 55.2 Volts Input	1 Amp Prox	
Isolation	Heavy-Duty Schottky Diodes	
Size	9"W X 3.5" H X 3.0" D	
Weight	1.75 lbs.	

pricing

Model Number

Retail Each

RMBC	\$190.00
* RMBC-ACF-12	\$215.00
* RMBC-ACF-24	\$215.00
* RMBC-ACF-48	\$215.00

RMF series

Rack Mount Power Supplies

Rack Mount Power Supplies with Power Factor Correction / Universal AC or DC Input

- Auto ranging voltage input 90-264VAC, 47-63HZ or 120-370VDC
- 2 rack units high (3.5")
- Available in 12, 24, and 48VDC output (adjustable)
- In rush current limiting
- Built in TTL remote control / remote sense
- DC-OK TTL signal
- Short circuit / over load / over voltage / over temperature protections
- Approvals: UL, CE,TUV, CUL



specifications

Model Number	Amps (Max)	Input Voltage (Auto Ranging)	Adjustable Output VDC	Weight
RMF-4012	40	90-264 VAC / 120-370 VDC	12-15	8.5 lbs
RMF-2024	20	90-264 VAC / 120-370 VDC	24-29	8.5 lbs
RMF-1048	10	90-264 VAC / 120-370 VDC	48-56	8.5 lbs

pricing

Model Number	Retail Each
RMF-4012	\$390.00
RMF-2024	\$390.00
RMF-1048	\$390.00

RMSL series

Rack Mount Power Supplies

Rack Mount Power Supplies

- Input voltage 88-132/176-264VAC switch selectable
- Short circuit / over load / over voltage / over temperature protections
- Built in EMI filter
- Soft start with limiting AC surge current
- Approvals: UL



specifications

Model Number	Amps (Max)	Input Voltage (Auto Ranging)	Adjustable Output VDC	Weight
* RMSL 8012	80	90-264 VAC / 254-370 VDC	12-15	8 lbs
* DC-OK and remote control TTL signal		Input Voltage (Switch Selectable)		
RMSL 12-12	12.5	88-132 or 176-264 VAC	12-15	5 lbs
RMSL 6-24	6	88-132 or 176-264 VAC	24-29	5 lbs
RMSL 3-48	3	88-132 or 176-264 VAC	48-56	5 lbs
RMSL 5012	50	88-132 or 176-264 VAC	12-15	7 lbs
RMSL 2524	25	88-132 or 176-264 VAC	24-29	7 lbs
RMSL 1248	12	88-132 or 176-264 VAC	48-56	7 lbs

pricing

Model Number	Retail Each
RMSL 8012	\$465.00
RMSL 12-12	\$134.00
RMSL 6-24	\$134.00
RMSL 3-48	\$134.00
RMSL 5012	\$345.00
RMSL 2524	\$345.00
RMSL 1248	\$345.00

RU2-UPS series **Uninterruptible Power Supply - Rack Mount**

features

- Commercial grade 12 or 24 volt power supply with built-in batteries
- Seamless transfer to batteries when AC power fails
- Built-in low voltage disconnect (LVD) to prevent equipment damage
- Automatically recharges batteries once AC power is restored
- Separate front panel indicators for DC output and AC fail
- Power factor correction (PFC) for “green” operation
- AC fail alarm contacts



Weight - 20 lbs
3.5" H x 19" W x 13" D

specifications

<i>Model Number</i>	<i>Amps (Max)</i>	<i>Input Voltage</i>	<i>Output VDC</i>	<i>Battery Back-up Time @ Full Load</i>
RU2-3012-UPS	30	90~264 VAC	13.8	7 minutes
RU2-1524-UPS	15	90~264 VAC	27.5	7 minutes

DCF - Fan Tray series **Designed for Cooling DC Equipment**



Weight - 6 lbs
1.75" H x 19" W x 10" D

<i>Model Number</i>	<i>Input Voltage VDC</i>
DCF-12	10-14
DCF-24	20-28
DCF-48	46-56

features

- Low profile (only 1 “U” - rack unit high) - 19” rack panel
- Front panel with On/Off switch and an LED indication for DC input
- DC operation and low noise
- Can be placed below specific equipment for “spot” cooling
- Airflow of 300 CFM (cubic feet per minute)
- Circuit breaker protection
- Commercial grade 12, 24 or 48 volt DC equipment
- Fan life expectancy of 50,000 hours

pricing

<i>Model Number</i>	<i>Retail Each</i>
RU2-3012-UPS	\$915.00
RU2-1524-UPS	\$915.00
DCF-12	\$285.00
DCF-24	\$285.00
DCF-48	\$335.00

BMS series Rack Mount Total Battery Management Systems*

1 Rack Unit High

BMS-12-75
BMS-24-40
BMS-48-20



Weight - 7.5 lbs
 1.75"H x 19"W x 10.5"D

- Commercial grade 12 / 24 / 48VDC systems
- Suggested battery capacity: 60 to 120Ah
- Front panel indicator for battery status and DC output

2 Rack Units High

BMS-360-12
BMS-360-24
BMS-360-48



Weight - 10 lbs
 3.5"H x 19"W x 13"D

- Commercial grade 12 / 24 / 48VDC systems
- Front panel meter for battery voltage and charging current
- Front panel indicator for power supply input

specifications

Model Number	Amps (Max)	Input Voltage	Output VDC	Suggested Battery Capacity
BMS-12-75	75	110 or 220 VAC (Switch Selectable)	13.8	60-120 Ah
BMS-24-40	75	110 or 220 VAC (Switch Selectable)	27.5	30-60 Ah
BMS-48-20	40	110 or 220 VAC (Switch Selectable)	56.0	15-30 Ah
BMS-360-12	75	110 or 220 VAC (Switch Selectable)	13.8	60-250 Ah
BMS-360-24	75	110 or 220 VAC (Switch Selectable)	27.5	60-125 Ah
BMS-360-48	40	110 or 220 VAC (Switch Selectable)	56.0	30-60 Ah

Total Battery Management System includes:

- Smart charging for optimal charging. Highly recommended for deep cycle or gel cell batteries.
- Low voltage disconnect. Stops battery damage due to overdischarge. Auto re-connect when power is restored. Disconnects battery at an adjustable voltage.
- Diode isolation system provides isolation and seamless transfer to battery when power goes down. No relays to fail. No "glitches" to confuse processors and controllers.
- Input 110 or 220VAC (switch selectable) smart charger.

pricing

Model Number	Retail Each
BMS-12-75	\$450.00
BMS-24-40	\$450.00
BMS-48-20	\$450.00
BMS-360-12	\$745.00
BMS-360-24	\$745.00
BMS-360-48	\$820.00

* Note: external power supply needed for operation

Power Supply with Complete Battery Management System

RU1-2012-BMS



Weight - 8.5 lbs
1.75"H x 19"W x 10.5"D

- 1 rack unit high (1.75")
- Provides up to 20 Amps of power
- Provides 7 Amps of battery charging
- Front panel indicator for battery status and DC output

Features applicable to ALL models:

- Power factor correction (PFC) saves energy costs
- Built-in smart charger, low voltage disconnect, diode isolation
- Monitors external battery back-up for optimal charging & maintenance
- Seamless transfer to battery back-up when AC power fails

RU2-4012-BMS

RU2-2024-BMS

RU2-1048-BMS



(Top View with
Cover Removed)

Weight - 16.5 lbs
3.5"H x 19"W x 13"D

- 2 rack units high (3.5")
- Provides up to 40 / 20 / 10 Amps of power
- Provides 24 / 12 / 6 Amps of battery charging
- Built-in Amp / Volt meter
- Front panel indicator for AC fail
- DC-OK TTL signal
- Built in TTL remote control

specifications

Model Number	Amps (Max)	Input Voltage	Output VDC	Suggested Battery Capacity
RU1-2012-BMS	20	110 or 220 VAC (Switch Selectable)	13.8	60 - 120 Ah
RU2-4012-BMS	40	110 or 220 VAC (Switch Selectable)	13.8	60 - 200 Ah
RU2-2024-BMS	20	110 or 220 VAC (Switch Selectable)	27.5	60 - 120 Ah
RU2-1048-BMS	10	110 or 220 VAC (Switch Selectable)	55.2	30 - 60 Ah

pricing

Model Number	Retail Each
RU1-2012-BMS	\$670.00
RU2-4012-BMS	\$980.00
RU2-2024-BMS	\$980.00
RU2-1048-BMS	\$1045.00

SC series

Smart Chargers

- Unit monitors batteries for optimal charging and maintenance
- Highly recommended for deep cycle or gel cell batteries
- Extends battery life
- Indicator lights for battery condition
- 110/220 switch selectable
- Battery polarity protection
- Approvals: UL, CUL, CE, TUV

Manufactured to **ISO 9001**
Quality Assurance



Weight - 2.5 lbs
2"H x 4"W x 7"D

specifications

Model Number	Amps (Cont)	Input Voltage	Output VDC	Suggested Battery Capacity
SC-12	7.2	110 or 220 VAC (Switch Selectable)	13.8	60-120 Ah
SC-24	4.3	110 or 220 VAC (Switch Selectable)	27.6	30-60 Ah
SC-48	2.2	110 or 220 VAC (Switch Selectable)	55.2	15-30 Ah

pricing

Model Number	Retail Each
SC-12	\$129.00
SC-24	\$129.00
SC-48	\$129.00

PB series

High Capacity Smart Chargers

- 3 stage "smart" charging for optimal care & maintenance
- 110/220 switch selectable
- Passive power factor correction (PFC) saves energy costs!
- Indicator lights for battery condition
- Battery polarity protection

Manufactured to **ISO 9001**
Quality Assurance



Weight - 2.5 lbs
2"H x 5.5"W x 10"D

specifications

Model Number	Amps (Cont)	Input Voltage	Output VDC	Suggested Battery Capacity
PB-360P-12	24.3	110 or 220 VAC (Switch Selectable)	14.4	60-200 Ah
PB-360P-24	12.5	110 or 220 VAC (Switch Selectable)	28.8	30-125 Ah
PB-360P-48	6.25	110 or 220 VAC (Switch Selectable)	57.6	15-30 Ah

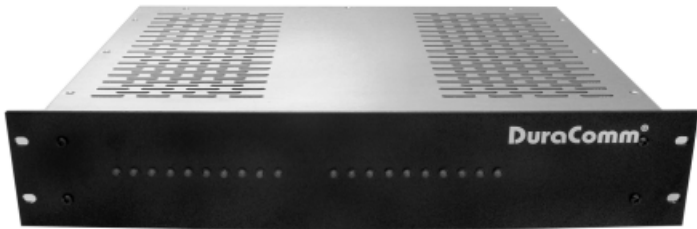
pricing

Model Number	Retail Each
PB-360P-12	\$250.00
PB-360P-24	\$250.00
NEW! PB-360P-48	\$250.00

SECURITY series

DSR-10-12/24

Rack Mount Power Supply with DC and AC Output



(front view)



(rear view)

Weight - 11 lbs
3.5"H X 19"W X 12.5"D

features

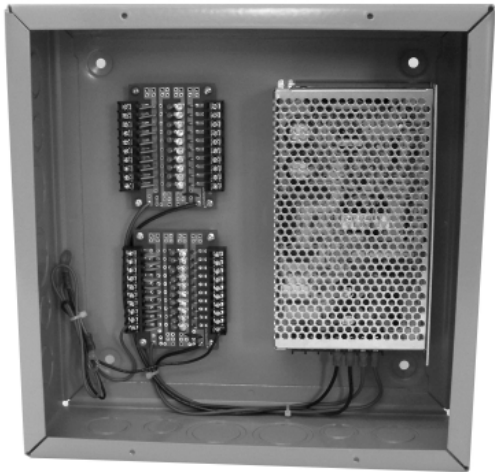
- Separate 12VDC and 24VAC output combined in one package
- 10 PTC 1.3 amp individually fused circuits (for each voltage)
- Front panel LED indicators for each fuse
- Suitable for use with cameras, timers & other CCTV equipment

specifications

Model Number	Input	Amps Output 1	Amps Output 2
DSR-10-12/24	110 / 220	4.0 @ 24VAC	12.0 @ 12VDC

DSN series

NEMA Power Solution with 20 Fused Outputs



features

- Sturdy NEMA I enclosure
- 20 PTC 1.3 amp individually fused circuits
- Connect and power 20 devices simultaneously
- Suitable for use with cameras, timers & other CCTV equipment

Weight - 9 lbs
12"H X 12"W X 4"D

specifications

Model Number	Input	Amps	Output
DSN-20-12	110 / 220VAC	12.0	12.0VDC
DSN-20-24	110 / 220VAC	6.0	24.0VDC

pricing

Model Number	Retail Each
DSR-10-12/24	\$510.00
DSN-20-12	\$260.00
DSN-20-24	\$260.00

- LED diagnostic indicators on ALL models
- Automatic shutdown on low AC voltage
- Rack mountable with SL-rack option
- Manual dual voltage capable, automatic with optional “Smart Charge” control module



(DPS-75 and 90 Models)

features

• Filtered & Regulated

DPS series power supplies are filtered and regulated. Units are normally shipped set for 13.8 volts or 27.5 volts. The unit will maintain regulation with input voltages from 96 to 140VAC.

• Lightweight

The DPS-75 is just 9 lbs. Compare that to a competitor’s ferro-resonant, 50 amp model at 63 lbs.

• Over Temperature Protection

DPS power supplies will detect excessive temperature conditions and temporarily shut down until a safe operating temperature is reached.

• Lower Operating Costs

These switch mode power supplies generate little heat until a 70% load is applied. That means less energy use at the site.

• Forced Air Cooling

All models have a thermostatically controlled fan to prevent heat build up. The fan allows these models to be mounted in nearly any position, and the forced air cooling extends component life up to 10 times.

• Standby Battery “Smart Charger” / Maintainer / Controller

Need to charge and maintain a standby battery for powering critical equipment during AC Mains failures? Need to recharge your backup battery or batteries in minimum time to be ready for the next adverse event? The IQ-4 “Smart Charger” will silently monitor the standby battery terminal voltage and adjust the DPS output voltage as required to keep the battery fully charged without destructive over-charging. The DPS output voltage will automatically be set by the IQ-4 for optimum charge rate depending upon battery state of charge. When the battery is fully charged the DPS output will drop to a minimum value below the trickle charge which stops any over-charging.

Note: The DPS output voltage must be reset to 13.2 or 26.4 VDC for use with the IQ-4 or the battery will be over-charged.

• Fused Output

DPS power supplies are protected against short circuit or polarity reversal in the output by easily replaceable standard automotive type fuses.

specifications

Model	DPS-15	DPS-30	DPS-45	DPS-55	DPS-75	DPS-90	DPS-27-15	DPS-27-25
DC Output Voltage	13.8 V						27.5 V	
Regulation	+/- 1%							
Output Amperage, Max	15	30	45	55	75	90	12.5	25
Maximum Power, continuous watts	200	400	620	750	1000	1200	300	600
Output Ripple & Noise	100 mv P-P Maximum							
Input Voltage Range	90-140 VAC							
Input Frequency Range	47-63 Hz							
Maximum AC Current	3 Amps	6 Amps	10 Amps	12 Amps	15 Amps	19 Amps	5 Amps	10 Amps
Typical Efficiency	80%							
Output Protection	Electronic and External Fuse							
Fan Control	Thermostatic							
Working Temperature Range	-10 to 50 C							
Size L X W X H	10 X 6.5 X 3.25				13 X 6.5 X 3.25		10 X 6.5 X 3.25	
Weight	5.0 lb.	5.0 lb.	6.0 lb.	6.0 lb.	8.0 lb.	9.0 lb.	6.0 lb.	6.0 lb.
Sugg. Battery Capacity Amp/Hr.	150	300	450	550	750	900	75	125

DPS Series Accessories

IQ-4

External Smart Charger for DPS Series

- **Standby battery “Smart Charger” / maintainer / controller**
Need to charge and maintain a standby battery for powering critical equipment during AC Mains failures? Need to recharge your backup battery or batteries in minimum time to be ready for the next adverse event? The IQ-4 “Smart Charger” will silently monitor the standby battery terminal voltage and adjust the DPS output voltage as required to keep the battery fully charged without destructive over-charging. The DPS output voltage will automatically be set by the IQ-4 for optimum charge rate depending upon battery state of charge. When the battery is fully charged the DPS output will drop to a minimum value below the trickle charge which stops any over-charging.



Weight - 1.1 oz.
.75”H x 1.25”W x 2.75”D

Note: The DPS output voltage must be reset to 13.2, 26.4 or 52.8VDC for use with the IQ-4 or the battery will be over-charged.

- **Fused output**

DPS power supplies are protected against short circuit or polarity reversal in the output by easily replaceable standard automotive type fuses.

SL RACK

Rack Mounting Shelf for DPS Series

Provides Convenient Mounting for DPS Series Power Supplies in EIA Standard Racks



Weight - 8 lbs
Depth - 8.625”

- Sturdy steel shelf holds any DPS power supply, including 90 amp models.
- Pre-drilled for easy power supply mounting.
- 5.25” high rack face is black powder painted to match other equipment.
- 19” width fits EIA standard rack.

pricing

Model Number	Retail Each
DPS-15	\$159.00
DPS-30	\$205.00
DPS-45	\$270.00
DPS-55	\$300.00
DPS-75	\$465.00
DPS-90	\$565.00
DPS-27-15	\$340.00
DPS-27-25	\$415.00
IQ-4	\$53.00
SL RACK	\$47.00

P series

"Power Block" Modules

- Adjustable, single output voltage power supplies
- Built in EMI filter
- Short circuit / over load / over voltage protections
- 110/220VAC input switch selectable
- Approvals: UL



Manufactured to **ISO 9001**
Quality Assurance



* model



** model

specifications

Model Number	Amps Max	Input Voltage	Adjustable Output VDC	Dimensions	Weight
* P-12-12	12.5	110/220 VAC	12-15	2.5"H X 4.5"W X 8"D	1.75 lbs
* P-6-24	6	110/220 VAC	24-29	2.5"H X 4.5"W X 8"D	1.75 lbs
* P-3-48	3	110/220 VAC	46-54	2.5"H X 4.5"W X 8"D	1.75 lbs
** P-50-12	50	110/220 VAC	12-15	2.5"H X 5"W X 11"D	4.5 lbs
** P-25-24	24	110/220 VAC	24-29	2.5"H X 5"W X 11"D	4.5 lbs
** P-12-48	12	110/220 VAC	48-56	2.5"H X 5"W X 11"D	4.5 lbs

pricing

Model Number	Retail Each
* P-12-12	\$64.00
* P-6-24	\$64.00
* P-3-48	\$64.00
** P-50-12	\$215.00
** P-25-24	\$215.00
** P-12-48	\$215.00

PFC series

"Power Block" Modules

AC/DC or DC/DC Power Block Module with Power Factor Correction and Universal AC Input

- Adjustable DC output voltage
- Auto ranging input voltage 90-264 VAC, 47-63 HZ, or 120-370 VDC
- Power factor correction of 0.98 saves 25% of electrical costs
- Reduces wear of components for longer supply life
- Built-In in-rush current limiting
- TTL remote control / remote sense
- DC-OK TTL signal
- Short circuit / over load / over temperature protections
- Approvals: UL, CUL, CE, TUV

Manufactured to **ISO 9001**
Quality Assurance



Weight - 4.5 lbs
2.5"H x 5"W X 13"D

specifications

Model Number	Amps Max	Input Voltage	Adjustable Output VDC
PFC-500-13.5	40	90-264 VAC; 120-370 VDC	12-15
PFC-500-27	20	90-264 VAC; 120-370 VDC	24-29
PFC-500-48	10	90-264 VAC; 120-370 VDC	48-56

pricing

Model Number	Retail Each
PFC-500-13.5	\$280.00
PFC-500-27	\$280.00
PFC-500-48	\$280.00

For Series, Parallel or Stand Alone Applications



Manufactured to **ISO 9001** Quality Assurance



Weight - 3 lbs
3.3"H x 5.9"W x 5.5"D

- Adjustable DC output voltage
- 110 / 220VAC input switch selectable
- Short circuit / over load / over temperature protections
- Forced air temperature controlled fan cooling
- Rail mount bracket included

specifications

Model Number	Amps Max	Input Voltage	Adjustable Output VDC
SM-1228	12	90-130 / 180-264 VAC	25-28
SM-25	25	90-130 / 180-264 VAC	12-15
SM-250-48	5	90-130 / 180-264 VAC	43-53

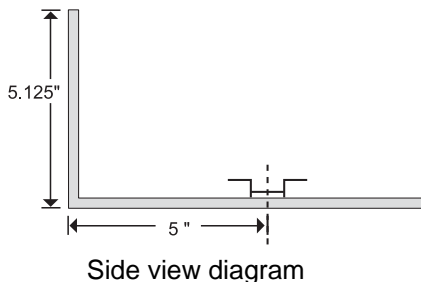
pricing

Model Number	Retail Each
SM-1228	\$173.00
SM-25	\$164.00
SM-250-48	\$103.00

DIN Rail Rack

19" Rack Mount Shelf

with 35mm x 15mm DIN Rail Mounting Bracket



Weight - 4 lbs
5.25" H x 19" W x 8.5" D

- Versatile and convenient mounting for any DIN rail equipment
- Sturdy steel shelf supports up to 30 lbs. of equipment
- Includes 35mm x 15mm DIN rail bracket already mounted
- Accommodates DIN mounted power supplies, breakers, relays, distribution blocks, etc.

pricing

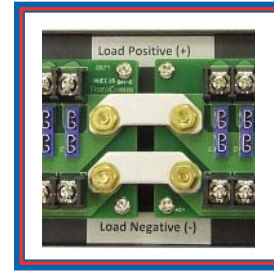
Model Number	Retail Each
DIN Rail Rack	\$75.00

DB - 5

5 Position - Fused Distribution Block



Weight - 4 oz.
1.5"H x 3.5"L x 2.5"D



(Detail of jumper kit)



(Shown with cover mount kit)

features

- Includes dual (Neg/Pos) input terminals on each end for parallel "add-on" capability
- Negative and positive bus bar for efficient power distribution
- Up to 20 Amps per fuse / 75 Amps per block
- Uses standard ATC / ATO automotive fuses (not supplied)

DIN-5-75



Weight - 1 lb

DIN-10-75



Weight - 1.5 lbs

5.0"H x 2"W x 5.25"D

pricing

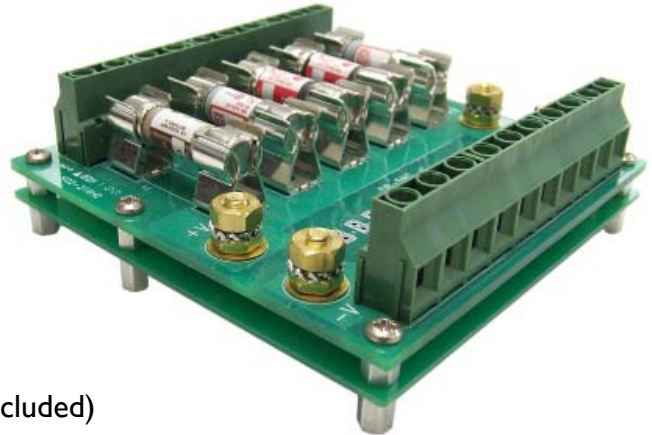
Model Number

Retail Each

DB-5	\$36.00
DB-5-J (jumper kit)	\$6.00
DB-5-CM (cover mount kit)	\$6.00
DIN-5-75	\$62.00
DIN-10-75	\$103.00

features

- For DC power distribution from 5 ~ 100VDC
- Suitable for use with Solar power applications
- Includes dual (Neg / Pos) input terminals each end for parallel “add on” capability
- Up to 30 Amps per circuit / 75 Amps per block
- Accommodates 13/32” x 1 1/2” midget fuses (not included)



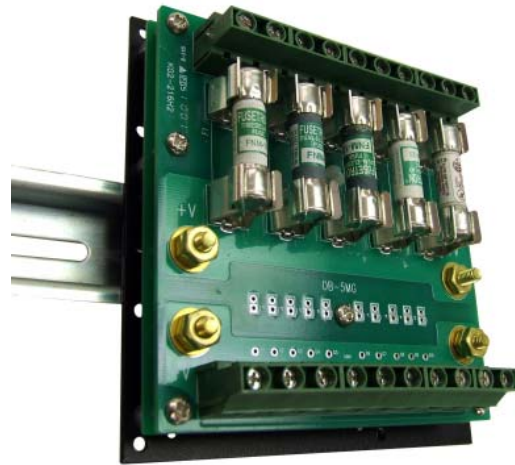
DIN-5MG-75



Weight - 1 lb
2.0”H x 5.2”L x 5.2”D

- DB-5MG mounted “card style” on L bracket with DIN clip

DIN-5MGP-75



Weight - 1.5 lbs
2.0”H x 4.9”L x 4.9”D

- DB-5MG mounted “flush” on flat plate with DIN clip

pricing

Model Number

Retail Each

DB-5MG

\$72.00

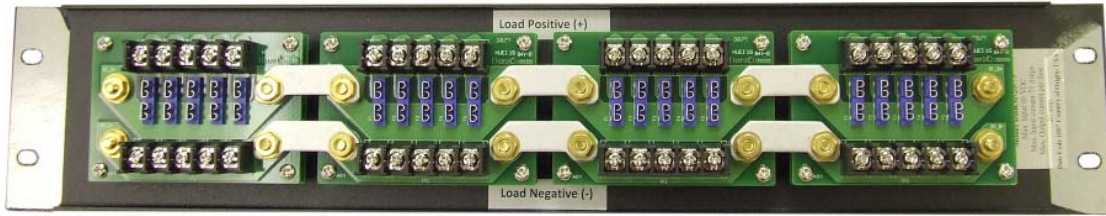
DIN-5MG-75

\$93.00

DIN-5MGP-75

\$93.00

Economical method of distributing power



- 75 Amps maximum per panel
- 20 Amps maximum per position
- Utilizes standard ATC / ATO automotive fuses (not supplied)
- 2 rack units (3.5") high
- 5, 10, 15 and 20 positions for 12, 24 and 48 Volt systems

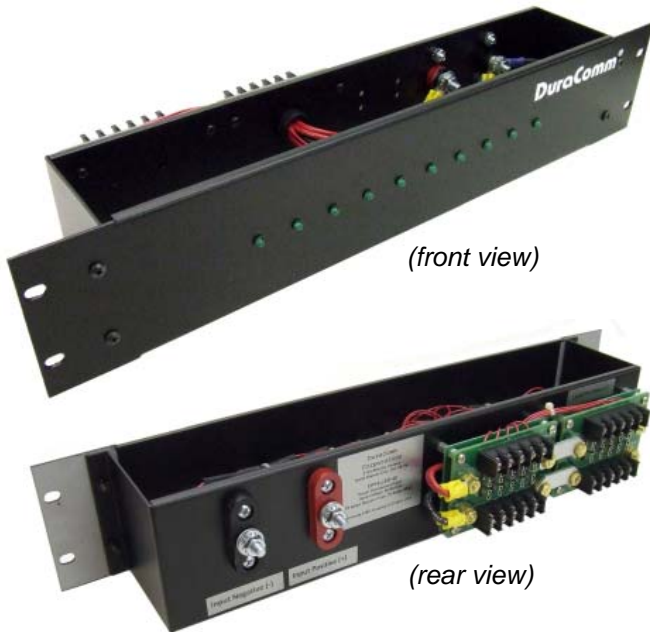
Weight - 3.5 lbs
3.5"H x 19"W x 1.5"D

pricing

Model Number	Retail Each
DBRM-5-75	\$72.00
DBRM-10-75	\$118.00
DBRM-15-75	\$149.00
DBRM-20-75 (shown above)	\$180.00

DP - 10 LED series

10 Place LED Distribution Panel



- Front panel LEDs indicate circuit (open/closed) condition
- Access power from 10 outputs, 20 Amps maximum per output
- 75 Amps maximum
- Uses standard ATC / ATO blade fuses (not supplied) or ATO circuit breakers
- For use with 12, 24 or 48 volt systems*

* Caution: please ensure proper fuse rating for 48 volt operation

Weight - 5 lbs
3.5" H x 19" W x 4.5" D

specifications

Model Number	Amps (Max)	Input Voltage
DPI0-LED-12	75	5-15 VDC
DPI0-LED-24	75	20-30 VDC
DPI0-LED-48	75	46-60 VDC

pricing

Model Number	Retail Each
DPI0-LED-12	\$196.00
DPI0-LED-24	\$196.00
DPI0-LED-48	\$196.00

DPM - 8 - 100

Power Distribution Panel

Voltage/Amperage Meter for Effective System Monitoring



Weight - 3 lbs
3.5"H x 19"W x 4"D

- 100 Amps maximum
- Access power from 8 outputs, 30 Amp maximum per output
- Requires automotive ATC/ATO blade fuses, (not supplied)
- 2 rack units in vertical height (3.5") for 12 Volt and 24 Volt systems

pricing

Model Number

Retail Each

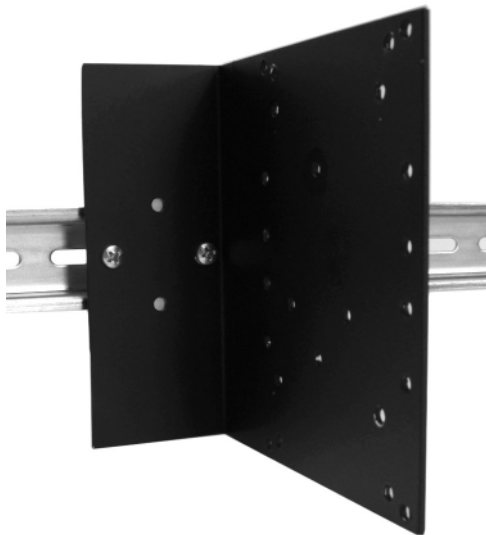
DPM-8-100 with Meter

\$180.00

DIN - MB series

Universal Mounting Bracket for DIN Applications

DIN - MB



Weight - .5 lb
5"H x 2" W x 5.25" D
Supports up to 4 lbs

DIN - MB-L

NEW!



Weight - 1.5 lbs
9.75"H x 3.25" W x 8" D
Supports up to 12 lbs

pricing

Model Number

Retail Each

DIN-MB

\$26.00

NEW! DIN-MB-L

\$50.00

100 Watt & 200 Watt Models



Weight - 13.5 lbs / 6 kgs
28"H x 27"W x 26"D

DJET-100



Weight - 22 lbs / 10 kgs
40"H x 36"W x 13"D

DJET-200

- Charge controller and 360° swivel mount included
- Rated Power: DJET-100 / 100Watts, DJET-200 / 200Watts
- Permanent Magnet Generator
- Electrical Brake
- Rotor Diameter .68 m
- Start-up Wind Speed 3 m/s
- Rated Wind Speed 12 m/s
- Cut-out Wind Speed 20 m/s
- Output = 12VDC (24 & 48 available)
- Variety of Custom Configurations Available
- Security, Utility and Internet Applications

pricing

Model Number	Retail Each
NEW! DJET-100	\$700.00
NEW! DJET-200	\$925.00

Appendix I

Product Classification by Amps and VDC Output Range

AMPS (MAX)	11-15VDC	23-29VDC	48-56VDC	OTHER	24VAC
100	RM-100012M RM-100012			DPM-8-100	
90	DPS-90				
80	RLP8012 SERIES RMSL-8012				
75	RM-7512M RM-7512 DPS-75			DP-10-LED BMS-12-75 BMS-24-40 BMS-360-12 BMS-360-24 EH-LVD-12 EH-LVD-24 EH-LVD-48 DBRM Series LVD-12	
60	DCDC-24-12 DCDC-48-12				
55	DPS-55				
50	RM-5012M RM-5012 RMSL-5012 P-50-12	RM-5024M RM-5024	RLP-5048 RLP-5048M	LVD-24 LVD-48 DIN-LVD-24 DIN-LVD-48	
45	DPS-45				
40	RLP4012 SERIES DTHP-4012 RMF-4012 RUI-4012 PFC-500-13.5 RU2-4012-BMS	RLP4024 SERIES RMF-4024 DCDC-48-24		BMS-48-20 DB-5	
30	DPS-30 EH-30			DIN-LVD-12-30 DIN-LVD-24-30	
25	SM-25 RM-2512 LP-25	DPS-27-25 RM-2524M RM-2524 RMSL-2524 DCDC-24-24 P-25-24	RM-2548M RM-2548		
24	PB-360P-12				
20	RUI-2012-BMS	RU2-2024-BMS RMF-2024 RUI-2024 PFC-500-27 RLP-2024 Series	RLP2048 SERIES DCDC-48-48		
18	LP-18				
15	DPS-15	DPS-27-15			
14	LPB-12H, LPB-15 LP-14N LP-14				
12.5	EH-12-15N P-12-12	PB-360P-24 RM-1224 SM-1228			
12	LPB-12 RMSL-12-12 DSR-10-12/24 DSN-20-12		RM-1248 RMSL-12-48 P-12-48		
10	LP-10	EH-24-10N	RLP1048 SERIES RUI-1048 RMF-1048 PFC-500-48		
7					
6		P-6-24 RMSL-6-24 DSN-20-24	EH-48-5N RMSL-3-48 P-3-48	SC-12	
4	DSD-PSC-100A				
3				SC-24	
2		DSD-PSC-100B		SC-48	DSR-10-12/24

Appendix II

Technical Information

DC-OK / Power Good (P.G.) - (Pok) and Power Fail (P.F.) Signal

When the power supply is powered on or off.,PG/Pok, or PF signals are sent out for status monitoring.
 P.G. :A TTL (+5V) signal will be sent out with a delay of 10~500ms after output voltage reached 90% of rated value.

P.F.:The TTL signal will be turned off at least 1ms before the output voltage drops to 90% of rated value.
 Pok:A TTL signal is sent out in synchronization with output voltage. It is without functionality in time sequence.

DC-OK Signal

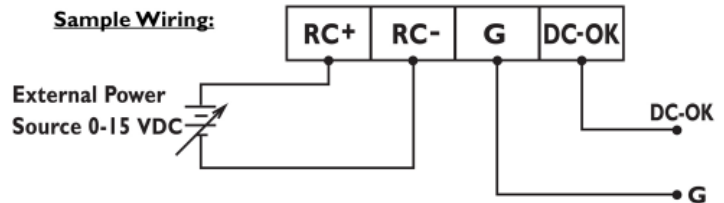
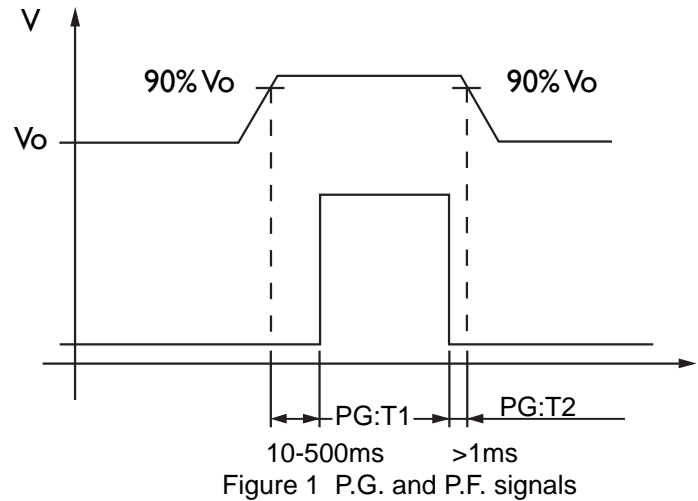
DC-OK Signal is the voltage difference between “DC-OK” and “G” pin output

DC-OK Signal is a TTL level signal
 PSU turn on: 3.3 ~ 5.6V
 PSU turn off: 0 ~ 1V

Remote Control ON/OFF:

Remote control ON/OFF: Using a TTL control signal connected to the RC+, RC- terminals on the power supply

TTL Remote Control	
between RC+ and RC-	output
switch OFF (0-0.8V)	ON
switch ON (4-10V)	OFF



Appendix III

DuraComm Models with Remote Control and DC-OK TTL Control Signal

MODEL	DC-OK	REMOTE ON/OFF	TTL
RMF (ALL MODELS)	YES	YES	YES
RMSL-8012	YES	YES	YES
RUI-4012	NO	YES	YES
RUI-2024	NO	YES	YES
RUI-1048	NO	YES	YES
PFC-500-13.5	YES	YES	YES
PFC-500-27	YES	YES	YES
PFC-500-48	YES	YES	YES
RU2-4012-BMS	YES	YES	YES
RU2-2024-BMS	YES	YES	YES
RLP-4012	YES	YES	YES
RLP-4012BBSCLVD	YES	YES	YES
RLP-2024	YES	YES	YES
RLP-2024BBSCLVD	YES	YES	YES
RLP-1048	YES	YES	YES
RLP-1048BBSCLVD	YES	YES	YES
DC-DC (all 5 models)	YES	YES	YES

Appendix IV

Safety & ISO Approvals

SERIES	UL-USA	UL-CAN	UL-REC	RoHS	TUV	CE	ISO Approval
RLP (Modules)			■		■	■	■
RM (Modules)			■				■
RUI (Modules)			■		■	■	■
RMF (Modules)			■		■	■	■
RMSL (Modules)			■		■	■	■
LP			■	■			■
LPB (Modules)			■		■	■	■
DTHP (Modules)			■				■
DPS	■	■					
PFC			■	■	■	■	■
P*			■	■			■
PB	■			■			■
RU2-(series)			■			■	■
SM			■	■			■
SC	■	■		■	■	■	■
EH-30			■	■			■
DSR-10-12/24			■				■
DSN-20 Series			■				■

* P-600 is Not ROHS Compliant

TERMS & CONDITIONS

Prices are subject to change without notice.

Payment Terms: 2% discount for cash in advance. With approved credit, 1% discount for payment received within 10 days of invoice date, otherwise Net 30 days. Accounts exceeding 30 days on any invoice are subject to credit hold and a 1.5% cumulative late charge will be added monthly to past due invoices.

Mastercard, Visa, Discover and American Express credit cards accepted.

Conditions: Freight charges are added to invoice. Shipments are FOB warehouse. Spare parts orders are not subject to discounts. All repairs are to be handled by factory unless authorized in advance by factory. A \$30.00 handling charge will be billed for units returned as defective which prove to operate within specifications. Such units will be returned COD.

Shipping: Orders will be shipped by UPS Ground service unless directed otherwise by customer, in which case customer will absorb additional freight and handling charges as applicable.

Handling Charges: There is a \$5.00 per box handling fee. Drop shipping to alternate locations is available for an additional fee. Handling Charges will be added on customer collect freight shipments. The customer is responsible for any damage claims.

Returns: Returns MUST be accompanied by a Return Merchandise Authorization (RMA) number obtained from DuraComm. This number must be clearly marked on shipping carton and address label. All returns must be shipped prepaid by customer. Collect shipments will be refused. Merchandise returned for credit is subject to a 25% restocking charge.

All returns must be sent to:

DuraComm
2119 Atlantic Street
North Kansas City, MO. 64116

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LIMITED WARRANTY

DuraComm warrants to the initial end user, power supplies manufactured or supplied by DuraComm to be free from defects in material and construction when in normal use and service for two years from the date of purchase from an authorized DuraComm sales outlet.

Should a product manufactured by DuraComm fail or malfunction due to manufacturing defect, or faulty component, DuraComm, at its option, will repair or replace the power supply or parts thereof, which, after examination by DuraComm, prove to be defective or not operational according to specifications in effect at the time of sale to the initial end user. The product replaced or repaired under the provisions of this warranty, will be warranted for the remainder of the original warranty period, only and will not extend into a new two year warranty period.

The limited warranty does not extend to any DuraComm product that has been subject to misuse, accidental damage, neglect, incorrect wiring not associated with manufacture, improper installation, or any product that has had the serial number removed, altered, defaced, or changed in any way.

Further, DuraComm reserves the right to change, alter, or improve the specifications within its products at any time, and by so doing, incurs no obligation to install or retrofit any such changes or improvements on products manufactured prior to inclusion of such changes.

DuraComm requires any product needing in or out of warranty service to be returned to DuraComm. All requests for warranty service must be accompanied by proof of purchase, such as a bill of sale showing purchase date. DuraComm is not responsible for any expenses or payments incurred for the removal of the product from its place of use, transportation or shipping expenses to the place of repair, or return expenses of a repaired or replacement product.

The implied warranties which the law imposes on the sale of this product are expressly LIMITED, in duration, to the two (2) year time period specified herein. DuraComm will not be liable for damages, consequential or otherwise, resulting from the use of this product, or from the breach of this LIMITED WARRANTY.

Some states do not allow limitations on the duration of the implied warranty or exclusions or limitations coincidental or consequential damages, so said limitations or exclusions may not apply to you. This warranty gives you specific legal rights which vary from state to state.

This warranty is given in lieu of all other warranties, whether expressed, implied, or by law. All other warranties, including WITHOUT LIMITATION, warranties of merchantability and fitness or suitability for a particular purpose, are specifically excluded.

DuraComm reserves the right to change or modify its warranty and service programs without prior notice.



Wadsworth Sales Incorporated



Bryan Wadsworth
CELL PHONE #
815-790-4494
AMATEUR RADIO CALL
WB9MCW
www.wadsworthsales.com

The advertisement for Wadsworth Sales Incorporated features a black background. At the top, the company name "Wadsworth Sales Incorporated" is written in a white, gothic-style font. Below this is a crest with a red shield containing three white fleur-de-lis, topped with a crown and surrounded by red and white decorative elements. To the right of the crest, the name "Bryan Wadsworth" is written in white, followed by "CELL PHONE #" and the number "815-790-4494" in a large, bold, white font. Below the phone number, it says "AMATEUR RADIO CALL" and "WB9MCW" in a large, bold, white font. At the bottom, the website "www.wadsworthsales.com" is written in a smaller white font.