

"PS SERIES" POWER SUPPLIES

PS SERIES PUBLIC SAFETY POWER SUPPLIES

DC and AC Uninterruptible Power Supplies

- Lockable NEMA 4x enclosure
- Durable Red Powder Coat Finish
- NFPA 1221 compliant Form C Dry Contact
- AC Fail
- 70% Battery Discharge, 30% Remaining Capacity
- Charger Fail
- (Optional) DC Power Supply Fail
- Output power: 300w or 600w power supply
- Output voltage: 12, 24, or 48 VDC and 120 VAC systems available
- Input: 90-264 VAC auto range
- Power supply, battery charger, and backup batteries included.
- N+1, battery and charger only, and power supply only configurations available by special order. Contact us for a quote.
- Independent battery charger
- 230 watt, 3 stage smart charger
- Extends battery life over trickle charger
- Faster recharge time over trickle charger
- 35Ah, 50Ah, or 100Ah standard battery configurations
- 24 hour battery backup continuous average load ratings and recharge times
- Sealed AGM Batteries
- Extended life over flooded lead acid
- Faster charging over flooded lead acid
- No off-gassing
- Low Voltage Disconnect
- Protects delicate electronics from under voltage damage
- Prevents batteries from over discharging, extending battery life
- California Energy Commission compliant PS-C models make the following changes
- Lithium-Ion batteries instead of AGM
- Lithium-Ion smart charger
- DoE level VI efficiency compliant power supply



Model Number	Input VAC	Output	Current	Battery Amp Hours
PS-4110-35	90-264	110 VAC	4A	35
PS-4110-50	90-264	110 VAC	4A	50
PS-4110-100	90-264	110 VAC	4A	100
PS-2012-35	90-264	14.4 VDC	20A	35
PS-1024-35	90-264	28.8 VDC	10A	35
PS-548-35	90-264	57.6 VDC	5A	35
PS-4012-35	90-264	14.4 VDC	40A	35
PS-2024-35	90-264	28.8 VDC	20A	35
PS-1048-35	90-264	57.6 VDC	10A	35
PS-2012-50	90-264	14.4 VDC	20A	50
PS-1024-50	90-264	28.8 VDC	10A	50
PS-548-50	90-264	57.6 VDC	5A	50
PS-4012-50	90-264	14.4 VDC	40A	50
PS-2024-50	90-264	28.8 VDC	20A	50
PS-1048-50	90-264	57.6 VDC	10A	50
PS-2012-100	90-264	14.4 VDC	20A	100
PS-1024-100	90-264	28.8 VDC	10A	100
PS-548-100*	90-264	57.6 VDC	5A	100
PS-4012-100	90-264	14.4 VDC	40A	100
PS-2024-100	90-264	28.8 VDC	20A	100
PS-1048-100*	90-264	57.6 VDC	10A	100

*Additional Battery Box Required

"EH SERIES" POWER SUPPLIES

EH SERIES PUBLIC SAFETY POWER SUPPLIES

Environmentally Hardened DC Uninterruptible Power Supplies

- Indoor or outdoor Nema 4X enclosure with mounting brackets/flanges
- Mean Well SDR or WDR Power Supply
- 12, 24, or 48 VDC output
- Up to 94% efficient
- Built in active power factor correction
- Built in DC OK relay
- Output power: 120 watts (240 watts for EH-48-10N-14Ah model)
- Full range AC input, single phase, 88 to 264VAC
- 7Ah and 14Ah standard battery configurations. Larger battery capacities available by special order
- Sealed AGM Batteries
- Extended life over flooded lead acid
- Faster charging over flooded lead acid
- No off-gassing
- Low Voltage Disconnect
- Protects delicate electronics from under voltage damage
- Prevents batteries from over discharging, extending battery life
- AC and power supply fail form C dry contact alarm closures
- LED indication for DC out and AC fail
- Fused 5 place distribution block output
- AC input circuit breakers included
- Additional features available by special order. Contact us for a quote.
- Redundant N+1 or 1+1 systems
- Battery and charger only
- Power supply only
- Single phase, two phase, or three phase, 180 to 550VAC input



Model Number	Input VAC	Output	Current	Battery
EH-12-15N	90-264	13.8 VDC	14A	12 V/7 Ah
EH-24-10N	90-264	27.5 VDC	10A	24 V/7 Ah
EH-48-5N	90-264	55.2 VDC	5A	48 V/7 Ah
EH-12-15N-14AH	90-264	13.8 VDC	15A	12 V/14 Ah
EH-24-10N-14AH	90-264	27.5 VDC	10A	24 V/14 Ah
EH-48-5N-14AH	90-264	55.2 VDC	5A	48 V/14 Ah
EH-48-10N-14AH	90-264	55.2 VDC	10A	48 V/14 Ah

ALSO AVAILABLE...

©ENTRI SERIES with remote monitoring and control. The Centri Series PS-MU integrates our SiteCentri unit into the PS UPS system to provide real time remote monitoring and control of your system. In addition to the standard features of our PS-Series the MU adds the following features:

- Alarm notifications by SNMP and email through Ethernet
- Power supply fail alarm, additional alarm for N+1 modules if present
- AC fail alarm
- Over temperature alarm
- Battery low alarm
- Low voltage disconnect alarm
- Remote Monitoring
- Output Voltage and Current
- Battery Voltage
- Power rectifier Voltage, additional N+1 redundant power rectifier Voltage, if present
- AC Mains Voltage
- System Temperature
- Remote Control
- Power rectifier on/off and N+1 redundant power rectifier on/off, if present
- Battery backup connect/disconnect
- Internally hosted webpage, plug-and-play, no additional software required
- Internal data storage via SD card and downloadable .CSV file

REMOTE SITE INTELLIGENCE AND CONTROL

SITE CENTRI REMOTE MONITOR / CONTROL UNIT

The DC-RMCU1 (SITE-CENTRI©) is designed by DuraComm to monitor any DC load, battery or power supply, temperature, and AC power via Ethernet. It is easily adapted to many possible power systems thanks to six isolated Volt or Amp meters that monitor critical data via internet for analysis and site history logging. 8 general purpose I/O pins provide alarming and control. This compact unit can be rack, DIN-rail, or wall mounted.

DC-RMCU1

- 6 Isolated DC voltmeters (+/- 100 VDC) or Amp meters
- 1 AC line voltmeter (24-300 VAC)
- 1 External temperature sensor
- 4 Input pins for alarms, external sensors or dry contact closure
- 4 Output pins to drive external relays or logic
- 10 / 100 Ethernet
- USB port for debugging
- On board memory storage. Micro SD Memory Card
- **Powered by 9 ~ 60 VDC input; can be powered directly from 12, 24, or 48 volt source.**



"MU SERIES" POWER SUPPLIES

Add RMCU features to the selected DuraComm Power Supplies: BMS Series, RLP Series, EH Indoor/Outdoor Series, HE1U Series.

RLP MU SERIES

Rack Mount Power Supply with Built In Monitoring & Control

- Heavy Duty Switching Power Supply
- Large Scale Volt/Amp Meter
- Power Factor Correction
- Overload/Over Voltage/Over Temperature Protections
- Battery Back-up (BB)
- Smart Charging (SC)
- Low Voltage Disconnect (LVD)
- AC line Voltage Sensor
- 1 internal temperature Sensor
- Monitors current (Amps)
- Monitors VDC output
- Remote on & off
- 10 / 100 Ethernet
- USB port for debugging
- Send Email alerts, SNMP traps
- On board reset button for "Hard Reset" to restore settings back to factory defaults
- On board memory storage. Micro SD Memory Card (Downloadable via web interface, as a CSV file.)



Model Number	Input VAC	Output VDC	Current Amps
RLP8012BBSCLVDM	110 or 220	14	80
RLP4012BBSCLVDM	110 or 220	14	40
RLP4024BBSCLVDM	110 or 220	28	40
RLP-1048-MU	100-260	46-56	10

HE1U MU SERIES

High Efficiency Low Profile Power Supply with Built In Monitoring & Control

- 12, 24 and 48 volt models
- High efficiency: up to 93%
- High power density: up to 1600 watts
- Low profile: 1 RU
- User programmable relay protections
- User programmable disconnects
- Built in active power factor correction
- Heavy duty 1/4" output studs with IP rated coverings
- Optional active current sharing between multiple units
- Alarm notifications by SNMP and email through Ethernet
- Power supply fail notification with automatic and remote reset
- AC fail notification with automatic and remote reset
- Over temperature notification with automatic and remote reset
- Battery low and low voltage disconnect notification with automatic and remote reset
- Remote Monitoring
- Output voltage and current
- Battery voltage, if present
- Power rectifier Voltage, additional N+1 redundant power rectifier voltage, if present
- AC mains voltage
- System Temperature
- Remote Internal Relay Control
- AC Mains input connect/disconnect
- Power rectifier on/off and N+1 redundant power rectifier on/off, if present
- Battery backup connect/disconnect if present
- Internally hosted webpage, plug-and-play, no additional software required
- SNMP v1, v2, and v3 integration and monitoring over IP
- Internal data storage via SD card and downloadable .CSV file
- BMS model features an internal 3 stage 120 watt smart charger, diode isolated battery inputs, and a low voltage disconnect relay
- 3 year warranty



Model Number	Input VAC	Output VDC	Current Amps
HE1U-5012-BMS-MU	110 or 220	13.8	50
HE1U-12012-BMS-MU	110 or 220	13.8	120
HE1U-2524-BMS-MU	110 or 220	27.5	25
HE1U-6024-BMS-MU	110 or 220	27.5	60
HE1U-1248-BMS-MU	110 or 220	48	12
HE1U-3048-BMS-MU	110 or 220	48	30

RACK MOUNT POWER SUPPLIES

RLP SERIES RACK MOUNT POWER SUPPLIES

- 1/4" threaded stud connections
- Large scale Volt/Amp meter
- BBSCCLVD models include built in smart charger, low voltage disconnect and Diode Isolated Battery Switchover
- Auto select input voltage 90-264 VAC / 50-60Hz
- PFC Power Factor Correction
- Remote Sensing / Remote Control
- Inrush current limiting
- Short circuit / overload / over voltage / over temperature protections



Model Number	Amps Max	Output VDC	Each Price
RLP-1048	10	46-56 RC & DC OK	
RLP-4012	40	15 RC & DC OK	
RLP-4012-BBSCCLVD	40	14 RC & DC OK	
RLP-4024-BBSCCLVD	40	28 N+1	
RLP-8012-BBSCCLVD	80	14 N+1	

RM SERIES RACK MOUNT POWER SUPPLIES

- Systems use proven DuraComm "Power Block" switching modules
- Modular design provides N+1 redundancy for certain models
- Selectable 110 or 220 VAC inputs
- Thermostatically controlled fans



Model Number	Amps Max	Output VDC	Each Price
RM-2512	25	13.8	
RM-2512M	25	13.8	With Meter
RM-5012	50	13.8	
RM-5012M	50	13.8	With Meter
RM-7512	75	13.8	
RM-7512M	75	13.8	With Meter
RM-10012	100	13.8	
RM-10012M	100	13.8	With Meter
RM-1224	12.5	27.5	
RM-1248	12.5	48	
RM-2548M	25	48	With Meter

RM SERIES BATTERY BACK UP MODULE

- Add With A Suitable Battery To Any RM Series Power Supply To Provide Solid State Battery Backup



Model Number	Input Voltage VDC	Output To Load VDC	Output Current To Battery	Suggested Battery Cap.
RMBC	12-60	Variable	1A	Variable
RMBC-ACF-12	13.8	13.4	1A	75-100Ah

HE1U SERIES RACK MOUNT POWER SUPPLIES

BMS Version

- Integrated Smart Charger
- Integrated Low Voltage Disconnect
- Selectable Input Voltage 110 or 220VAC
- Remote Control ON/OFF
- DC-OK TTL Signal



Model Number	Amps Max	Output Range VDC	Sugessted Battery Capacity
HE1U-1248-BMS	12	48	15-30 Ah
HE1U-3048-BMS	30	48	15-30 Ah
HE1U-2524-BMS	25	27.5	30-60 Ah
HE1U-6024-BMS	60	27.5	30-60 Ah
HE1U-5012-BMS	50	13.8	60-120 Ah
HE1U-12012-BMS	120	13.8	60-120 Ah

BC Version

- Integrated Battery Trickle Charging and Diode Isolated Battery Switch Over
- Integrated Low Voltage Disconnect
- Auto ranging input, full range 85-264 VAC / 120-370 VDC
- Remote Control ON/OFF
- DC-OK TTL Signal

Model Number	Amps Max	Output Range VDC	Sugessted Battery Capacity
HE1U-1248-BC	12	48	15-20 Ah
HE1U-2524-BC	25	27.5	30-50 Ah
HE1U-5012-BC	50	13.8	60-100 Ah

Basic Version

- Auto ranging input, full range 85-264 VAC / 120-370 VDC
- Remote Control ON/OFF
- DC-OK TTL Signal

Model Number	Amps Max	Output Range VDC
HE1U-1248	12	48
HE1U-2524	25	27.5
HE1U-5012	50	13.8

3KW HEAVY DUTY RACK MOUNT POWER SUPPLY

- Power Factor Correction 0.95
- Input Voltage 220 VAC only
- 3000 Watts of Output Power at 90% Efficiency
- Operating Temperature Range -20 C to 70 C
- Short circuit / overload / over voltage / over temperature protections
- 1500 Watt N+1 Redundancy
- Usable in positive or negative ground applications



Model Number	Amps Max	Output VDC
RLP-6048M	60	48 w/Meters

OPEN FRAME

RU1 SERIES RACK MOUNT POWER SUPPLIES

- Auto ranging input, full range 85-264 VAC / 120-370 VDC
- 1 rack unit high (1.75")
- 25% energy savings with power factor correction feature
- Built in remote sense, remote On/Off control
- Short circuit / overload / over voltage / over temperature protections



Model Number	Amps Max	Output Range VDC
RU1-548	7	41-55
RU1-1024	10	21.6-28.8
RU1-1048	10	41-56
RU1-2012	20	13.5-18
RU1-4012	40	13.5-18

RUR SERIES RACK MOUNT POWER SUPPLIES

- Input voltage 90-132 / 180-264 VAC (Factory set)
- 1000 Watts of power
- High power density
- 2 rack units high
- Remote Sensing / Remote Control
- Active surge current limiting



Model Number	Amps Max	Output VDC
RUR-1000-48	20	43-46

RMF SERIES RACK MOUNT POWER SUPPLIES

- Auto Ranging voltage input 90-264 VAC, 47-63 Hz or 120-370 VDC
- Available in 12, 24 and 48 VDC output
- 2 rack units high (3.5")



Model Number	Amps Max	Output Range VDC
RMF-4012	40	12-15

RMSL SERIES RACK MOUNT POWER SUPPLIES

- Input voltage 88-132 / 176-264 VAC switch selectable



Model Number	Amps Max	Output Range VDC
RMSL-5012	50	12-15

RM RACK MOUNT KIT

- Compatible with LP, EH and LPX power supplies
- Standard DIN size mounting
- Second shelf with knockout panel



RM-KIT

ISOLATED DC-DC CONVERTERS

DCDC SERIES CONVERTERS

- 2000 VAC I/O isolation
- Protections: Short circuit / overload / over temperature / Input polarity (by fuse)
- Forced air cooling by built-in DC fan
- Output DC-OK Signal
- Built-in remote sense function



Model Number	Input VDC	Output VDC Range	Output Current (Amps)
DCDC-500-24-48	19-72	43-53	10.5
DCDC-500-48-24	19-72	23-30	10.5
DCDC-200-24-48	19-36	43-53	4.2
DCDC-200-48-12	36-72	11-16	16
DCDC-200-48-24	36-72	23-30	8.4
DCDC-24-48	20-30	46-60	20
DCDC-48-12	40-60	11-15	60
DCDC-48-24	40-60	23-30	40

BATTERY MANAGEMENT SYSTEM

BMS SERIES

- 110 Or 220 VAC Input Voltage
- Smart Charging - Optimal battery charging highly recommended for deep cycle, AGM gel cell batteries
- Low Voltage Disconnect - Stops battery damage due to overdischarge.
- Diode Isolation - Provides isolation and seamless transfer to battery when power goes down.



Model Number	Amps Max	Output VDC	Battery Capacity
BMS-12-75	75	13.8	60-120 Ah
BMS-24-40	75	27.5	30-60 Ah

DESKTOP POWER SUPPLIES

LPX SERIES DESKTOP POWER SUPPLIES

- Enhanced electronic filtering & shielding
- Auto ranging AC input (90-264 VAC)
- Adjustable DC output (11.5-15 VDC)
- Meets DoE Level VI green energy standards
- Protections: Short circuit / Over voltage / Overload / Over temperature
- Compatible with all LPH hoods



Model Number	Amps Continuous	Output VDC
LPX-10	10	13.8
LPX-14	14	13.8
LPX-18	18	13.8
LPX-25	25	13.8

LP SERIES DESKTOP POWER SUPPLIES

- Filtered & Regulated
- Forced air cooling (LP18 & LP25)
- Protections: Over voltage / overload / over temperature
- Compatible with all LPH hoods for custom mobile radio mounting



Model Number	Amps Continuous	Output VDC
LP10	10	13.8
LP14	14	13.8
LP18	18	13.8
LP25	25	13.8

LP SERIES BATTERY BACK UP MODULE

- Add With A Suitable Battery To Any LP Series Power Supply To Provide Solid State Battery Backup



LPBC-25 Battery Backup

DESKTOPS WITH CHARGING

- Active PFC Function for "green" performance and energy savings
- Battery Backup & Charging Function
- Load, Temperature, Voltage & Short Protection
- Compatible With LP Hoods



Model Number	Amps Max	Output VDC	Charging Output VDC
LP-18BC	15	13.8	13.6

SMART BATTERY CHARGERS

SC SERIES

- Unit monitors batteries for optimal charging and maintenance
- Perfect for deep cycle or gel cell batteries
- Extends battery life
- Indicator lights for battery condition
- 110 / 220 VAC switch selectable
- Battery polarity protection
- Approvals: UL, CUL, CE, TUV
- Manufactured to ISO 9001 Quality Assurance



Model Number	Amps Max	Output VDC	Battery Capacity
SC-12	7.2	13.8	60-120 Ah
SC-24	4.3	27.6	30-60 Ah
SC-48	2.2	56	15-30 Ah

DESKTOP POWER SUPPLIES WITH INTEGRATED BATTERY

- Universal input 88-264 VAC
- Protections: Short circuit / overload / over temperature
- Built in EMI filter
- Front panel DC output indicator (LPB12)
- Front panel AC fail indicator (LPB12H)
- Internal battery automatically recharges when AC power is restored
- Compatible with all LPH hoods for custom mobile radio mounting



Model Number	Amps Continuous	Amps Intermittent	Output VDC
LPB-12	7	12	13.8
LPB-12H	12	15	13.8

DTHP SERIES DESKTOP POWER

- 110 Or 220 VAC Input Voltage
- Compatible with all LPH Hoods for custom mobile radio mounting.
- Includes inrush current limiting capability
- Fan cooling
- Short circuit / over load / over temperature protection
- Heavy duty post output connectors



Model Number	Amps Max	Output VDC
DTHP-4012	40	13.8

Base Station Covers

LPH-ICOM	<i>Hood For Icom F221S</i>
LPH-KEN81	<i>Hood For Kenwood, Midland, Icom</i>
LPH-KENL	<i>Hood For Kenwood</i>
LPH-KENS	<i>Hood For Kenwood</i>
LPH-KEN/M	<i>Hood For Kenwood NX5000</i>
LPH-MOT/L	<i>Hood For Motorola</i>
LPH-MOT/S	<i>Hood For Motorola</i>
LPH-MOT/CDM	<i>Hood For Motorola CDM</i>
LPH-MOTPMVTX	<i>Hood For Motorola PM400, Vertex</i>
LPH-VX500	<i>Hood For Vertex</i>
LPH-HYT/L	<i>Hood For Hytera 782</i>

DPS SERIES POWER SUPPLIES

DPS SERIES POWER SUPPLIES

- LED Diagnostic Indicators
- Automatic Shutdown on Low AC Voltage
- Manual Dual Voltage Capable - Automatic with Optional "Smart Charge" Control Module
- Filtered & Regulated @ 13.8v
- Over Temperature Protection
- Standby Battery "Smart Charger" IQ4 Compatible - Should only be used for battery charging when the IQ4 is added.



Model Number	Amps Max	Output VDC	Battery Capacity
DPS-15	15	13.8	150 Ah
DPS-30	30	13.8	300 Ah
DPS-45	45	13.8	450 Ah
DPS-55	55	13.8	550 Ah
DPS-75	75	13.8	750 Ah
DPS-90	90	13.8	900 Ah
DPS-27-15	12.5	27.5	75 Ah
DPS-27-25	25	27.5	125 Ah

SL-RACK Rack Mount For DPS Series

STANDBY BATTERY SMART CHARGER MAINTAINER

- Silently monitors standby battery terminal voltage and adjusts DPS output voltage as required.
- DPS output voltage is automatically set for optimum charge rate depending on battery state of charge.
- When battery is fully charged the DPS output will drop to a minimum value below the trickle charge.



IQ-4

POWER DISTRIBUTION PANELS

0-60 VDC POWER DISTRIBUTION PANEL

- 10 load circuits, 40A maximum each
- Remote monitoring of voltage & current
- Remote on/off control
- Remote fuse reset
- Email alerts
- Easy to use LCD display & LED status indicators



DCBB-700 DC Power Distribution Panel

DP-10 LED DISTRIBUTION PANELS

- Front Panel LED's Indicate Circuit Condition
- 10 Outputs, 20 Amp Max Per Output
- 75 Amps Max
- Uses Standard ATC/ATO Blade Fuses



DP10-LED-12	12 Volt Distribution Panel
DP10-LED-24	24 Volt Distribution Panel
DP10-LED-48	48 Volt Distribution Panel

DBRM SERIES RACK MOUNT ATC FUSE PANEL

- 75 Amps Maximum Per Panel
- 20 Amps Maximum Per Position
- Utilizes standard ATC / ATO automotive fuses (not included)
- 2 rack units high (3.5")
- 5, 10, 15 and 20 positions
- For 12V, 24V & 48V systems



Model Number	Amps Per Panel	Amps Per Fuse	Outputs
DBRM-5-75	75	20	5
DBRM-10-75	75	20	10
DBRM-15-75	75	20	15
DBRM-20-75	75	20	20
DPM-8-100	100	30	8

GMT FUSED DISTRIBUTION PANELS

- 100 Amps maximum per panel
- Up to 20 fuses, 15A maximum per position
- Red / Green LED power and alarm indicator
- Form C relay contacts are isolated for remote fuse fail indication
- GMT fuses not included



Model Number	Input Range	Amps Per Panel	Amps Per Fuse	Outputs
DP-20GMT-12	10 to 15	100	15	20
DP-20GMT-48N	-40 to -60	100	15	20

ATC FUSED DISTRIBUTION PANELS

- 100 Amps maximum per panel
- Up to 20 fuses, 15A maximum per position
- 3 Green LED power and alarm indicators
- Two JCASE® Fuse Circuits on separate barrier strip; 40 Amps Max Each (One 30 Amp JCASE® Fuse, and One 40 Amp JCASE® Fuse Included)
- ATC fuses not included



Model Number	Input Range	Amps Per Panel	Amps Per Fuse	Outputs
DP-20ATC-2JC-12	10 to 15	100	15	20
DP-20ATC-2JC-24	20 to 30	100	15	20
DP-20ATC-2JC-48	40 to 60	100	15	20

FUSED DISTRIBUTION BLOCKS

- +/- Input Terminals On Each End Allow For Parallel Add On Capability
- Up to 20 Amps Per Fuse, 75 Amps Per Block
- Uses Standard ATC/ATO Fuses



(Detail of jumper kit)

DB-5	5 Position ATC/ATO Distribution Block
DB-5-CM	Cover & Mount Kit for DB-5
DB-5-J	Jumper / Parallel Kit for Multiple DB-5's
WM-DB-5	Wall Mount 5 Position ATC/ATO Dist Block