

2024



Switching Power Supplies

REIGNPOWER

Customers' satisfaction is the key objective of Reign Power



We have over 30 year's experience in the switching power supply market and have distributors in over 27 countries world-wide. Reign Power has focusing on research and development to provide the latest technology and products to the market. With flexible production models, highly computerized management, outstanding R&D capabilities, and stringent quality control, we have successively introduced a diverse range of power products including din rail mount switch power supplies, standard mount power supplies, DC UPS power supplies, modular power supplies, waterproof power supplies, and lead-acid battery chargers. Our power product line covers a range from 3 watts to 6000 watts, primarily serving industries such as industrial equipment, intelligent manufacturing, transportation, communication, and security. Additionally, we offer customers professional technical services and customized products. Continuously, customers have enhanced the value of their products through our power products, and we aspire for Reign Power to become synonymous with high-end power. We continuously introduce various advanced machinery and equipment, cultivate excellent employees, strive for product innovation, and even surpass customer expectations. All our efforts aim to bring the highest value to our customers.

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Taiwan Office



Shenzhen Office



DongGuan Factory



Features

- Adjustable output voltage and LED display on the panel
- Input voltage range: 90 ~ 264VAC 47 ~ 63Hz
- Full Range Input with PFC (DLP1100D with model name ending with C)
- Power factor: 95% Min. (DLP1220D)
- EN 62368 approved (DLP1100D, DLP1220D)
- Short protection / Overload protection / Over voltage protection
- Convection cooled (DLP1025D, DLP1050D, DLP1100D)
- Operating Temperature: -15 ~ 50°C
- No-load Consumption is lower than 0.3W (DLP1025D, DLP1050D, DLP1100D)
- Standard/Din Rail Mounting Dual Purpose
- Comply with High Efficiency Power 80Plus Criterion
- Comply with 2010. Energy Conservation Power Erp Regulation
- 2 years warranty



DLP1025D/DLP1050D Series
35x52.5x90.7 mm



DLP1100D Series
70x52.5x90.7 mm



DLP1220D Series
70x55.2x90.7 mm



DLP1025D/DLP1050D Series 20~50W

Model	Output Voltage / Current
DLP1020D-05S	5V, 4.0A
DLP1025D-12S	12V, 2.1A
DLP1025D-24S	24V, 1.0A
DLP1025D-48S	48V, 0.52A
DLP1030D-05S	5V, 6A
DLP1050D-12S	12V, 4.2A
DLP1050D-24S	5V, 2.1A
DLP1050D-48S	48V, 1.04A

DLP1100D Series 90~100W

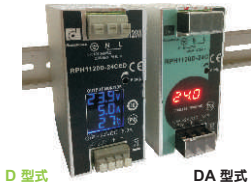
Model	Output Voltage / Current
DLP1100D-12F	12V, 8.3A
DLP1100D-24F	24V, 4.2A
DLP1100D-48F	48V, 2.1A
DLP1090D-12C	12V, 7.5A
DLP1100D-24C	24V, 4.2A
DLP1100D-48C	48V, 2.1A

DLP1220D Series 200~220W

Model	Output Voltage / Current
DLP1200D-12C	12V, 16.6A
DLP1220D-24C	24V, 9.2A
DLP1220D-48C	48V, 4.6A

Features

- Input voltage range: 90 ~ 264VAC 47 ~ 63Hz
- Power factor: 95% Min.
- Short protection / Overload protection / Over voltage protection
- Convection cooled (RPH1120D, RPH1240D, RPH1480D)
- Operating Temperature: -15 ~ 50°C
- Standard / Din rail mounting dual purpose
- Comply with high efficiency power 80Plus criterion
- Build-in output stability monitor
- Split rail & Series connection possible
- 1A Power Ready Relay (Power OK Signal)
- 2 years warranty



RPH1120D Series
49x100x83 mm



RPH1240D Series
60x100x110 mm



RPH1480D Series
60.7x131x119.2mm



LPF1960D Series
63.7x131x119.2mm



RPH1120D Series 120W

Model	Output Voltage / Current
RPH1120D-12CENDA	12V, 10.0A
RPH1120D-24CENDA	24V, 5.0A
RPH1120D-48CENDA	48V, 2.5A
RPH1120D-12CED	12V, 10.0A
RPH1120D-24CED	24V, 5.0A
RPH1120D-48CED	48V, 2.5A

RPH1240D Series 240W

Model	Output Voltage / Current
RPH1240D-24CENDA	24V, 10.0A
RPH1240D-36CENDA	36V, 6.7A
RPH1240D-48CENDA	48V, 5.0A
RPH1240D-24CED	24V, 10.0A
RPH1240D-36CED	36V, 6.7A
RPH1240D-48CED	48V, 5.0A

RPH1480D Series 480W

Model	Output Voltage / Current
RPH1480D-24CENDA	24V, 20A
RPH1480D-36CENDA	36V, 13.3A
RPH1480D-48CENDA	48V, 10A
RPH1480D-100CENDA	100V, 4.8A
RPH1480D-250CEN	250V, 1.92A
RPH1480D-24CED	24V, 20A
RPH1480D-36CED	36V, 13.3A
RPH1480D-48CED	48V, 10A

LPF1960D Series 960W

Model	Output Voltage / Current
LPF1960D-24CENDA	24V, 40A
LPF1960D-36CENDA	36V, 26.6A
LPF1960D-48CENDA	48V, 20A
LPF1960D-72CENDA	72V, 13.3A
LPF1960D-100CENDA	100V, 9.6A
LPF1960D-250CEN	250V, 3.84A
LPF1960D-24CED	24V, 40A
LPF1960D-36CED	36V, 26.6A
LPF1960D-48CED	48V, 20A

*With ● are CE safety approval, but no UL safety approval.

Features

- Input voltage range: 180 ~ 264VAC 47 ~ 63Hz
- Power factor: 95% Min.
- Short protection / Over voltage protection
- Convection cooled (RPH11KD)
- Operating Temperature: -15 ~ 60°C
- Standard / Din rail mounting dual purpose
- Build-in output stability monitor (output voltage < 150VDC)
- 150% Peak power for 10 seconds (RPH11K0D)
- Split rail & Series connection possible
- 2 years warranty



RPH11K0D/RPH12K0D Series
240x80x129.5 mm



RPH11K0D Series 1000W

Model	Output Voltage / Current / 1500W Current (10s)	
RPH11K0D-24CENDA	24V, 41.6A, 60A	
RPH11K0D-36CENDA	36V, 27.8A, 40A	
RPH11K0D-48CENDA	48V, 20.8A, 30A	
RPH11K0D-110CENDA	110V, 9A, 13A	
RPH11K0D-125CENDA	125V, 8A, 11.5A	
RPH11K0D-250CEN	250V, 4A, 5.76A	
RPH21K0D1	24V, 41A, 61.8A 5V, 3A, 3A	●
RPH21K0D2	24V, 40A, 61A 12V, 3A, 3A	●
RPH21K0D3	36V, 27A, 41A 5V, 3A, 3A	●
RPH21K0D4	36V, 26A, 40A 12V, 3A, 3A	●
RPH31K0D1	36V, 25A, 38A 24V, 3.5A, 3.5A 5V, 3A, 3A	●
RPH31K0D2	36V, 26A, 40A 12V, 3.5A, 3.5A 5V, 3A, 3A	●
RPH31K0D3	48V, 18A, 29A 24V, 3.5A, 3.5A 12V, 1.2A, 1.2A	●
RPH31K0D4	48V, 18.5A, 30A 12V, 3.5A, 3.5A 5V, 1.3A, 1.3A	●

RPH12K0D Series 2000W

Model	Output Voltage / Current	
RPH12K0D-24CENDA	24V, 83A	
RPH12K0D-36CENDA	36V, 55.5A	
RPH12K0D-48CENDA	48V, 41.6A	
RPH12K0D-110CENDA	110V, 18.2A	
RPH12K0D-125CENDA	125V, 16A	
RPH12K0D-250CEN	250V, 8A	
RPH22K0D1	24V, 82A 5V, 3A	●
RPH22K0D2	24V, 81A 12V, 3A	●
RPH22K0D3	36V, 55A 5V, 3A	●
RPH12K0D4	36V, 54A 12V, 3A	●
RPH32K0D1	36V, 50A 24V, 6.5A 5V, 3A	●
RPH32K0D2	36V, 52A 12V, 8A 5V, 3A	●
RPH32K0D3	48V, 38A 24V, 6.5A 12V, 1.2A	●
RPH32K0D4	48V, 39A 12V, 8A 5V, 1.3A	●

*With ● are no Monitor Display ONLY

Features

- Input voltage range:
90 ~ 264VAC 47 ~ 63Hz (LP1025D, LP1050D)
180 ~ 264VAC 47 ~ 63Hz (NL1050D, NL1072D, NL1100D)
- Short protection / Overload protection / Over voltage protection
- Convection cooled
- Operating Temperature: -15 ~ 50°C
- No-load Consumption is lower than 0.3W (LP1050D models with no monitor, NL1050D, NL1072D, NL1100D)
- Standard / Din rail mounting dual purpose
- Comply with High Efficiency Power 80Plus Criterion
- Comply with 2010. Energy Conservation Power Erp Regulation
- Build-in output stability monitor (LP1050D optional)
- 2 years warranty



LP1025D/NL1050D Series
45x102x35 mm



LP1050D Series
45x103x74 mm



NL1072D Series
45x103x74 mm



NL1100D Series
45x103x74 mm



LP1025D/NL1050D Series 20~50W

Model	Output Voltage / Current
LP1020D-05S	5V, 4.0A
LP1025D-12S	12V, 2.1A
LP1025D-24S	24V, 1.0A
NL1040D-12	12V, 3.33A
NL1050D-24	24V, 2.1A

LP1050D Series 40~50W

Model	Output Voltage / Current
LP1040D-05SDA	5V, 8.0A
LP1050D-12SDA	12V, 4.2A
LP1050D-24SDA	24V, 2.1A

NL1072D Series 72W

Model	Output Voltage / Current
NL1072D-24	24V, 3A

NL1100D Series 100W

Model	Output Voltage / Current
NL1100D-05	5V, 14A
NL1100D-12	12V, 8.3A
NL1100D-24	24V, 4.1A

*With ● are CE safety approval, but no UL safety approval.

Features

- Input voltage range: 180~264VAC 47 ~ 63Hz
- Short protection / Overload protection / Over voltage protection
- Convection cooled (NL1150D, NL1240D)
- Operating Temperature: -15 ~ 50°C
- Standard / Din rail mounting dual purpose
- Comply with High Efficiency Power 80Plus Criterion
- 2 years warranty



NL1150D Series
49x100x83 mm



NL1240D Series
45x100x83 mm



NL1480D Series
60x110x75.5mm



NL1150D Series 150W

Model	Output Voltage / Current
NL1150D-24	12V, 6.25A
NL2150D1	24V, 5.62A 5V, 3A

NL1240D Series 240W

Model	Output Voltage / Current
NL1240D-12	12V, 16.6A
NL1240D-24	24V, 10A
NL1240D-48	48V, 5A
NL2240D1	12V, 15.4A 5V, 3A
NL2240D2	24V, 9.3A 5V, 3A
NL2240D3	24V, 8.5A 12V, 7A

NL1480D Series 480W

Model	Output Voltage / Current
NL1480D-24	24V, 20A
NL1480D-36	36V, 13.3A
NL1500D-72	72V, 6.94A
NL2480D1	24V, 19.3A 5V, 3A
NL2480D2	24V, 18.5A 12V, 3A
NL2500D1	72V, 6.85A 5V, 1.3A

Features

- Input voltage range: 90~132VAC/180~264VAC 47 ~ 63Hz (Selectable)
- Short protection / Overload protection / Over voltage protection
- Convection cooled (LP1100D, LP1150D, LP1300D)
- Operating Temperature: -15 ~ 50°C
- No-load Consumption is lower than 0.5W (LP1100D No monitor models)
- Standard / Din rail mounting dual purpose
- Comply with High Efficiency Power 80Plus Criterion
- Comply with 2010. Energy Conservation Power Erp Regulation
- Build-in output stability monitor (Single Output)
- Split rail & Series connection possible
- 2 years warranty



LP1100D/LP1150DMA Series
49x100x83 mm



LP1300D Series
60x100x110mm



LP1500DMA Series
60x100x110mm



LP1100D Series 100W

Model	Output Voltage / Current
LP1100D-12MDA	12V, 8.3A
LP1100D-24MDA	24V, 4.2A
LP1100D-48MDA	48V, 2.1A
LP2100D3M	24V, 3A 12V, 1.5A



LP1300D Series 300W

Model	Output Voltage / Current
LP1300D-24MDA	24V, 12.5A
LP1300D-36MDA	36V, 8.3A
LP1300D-48MDA	48V, 6.25A
LP2300D1M	24V, 11.88A 5V, 3A
LP2300D2M	36V, 7.9A 5V, 3A
LP2300D3M	24V, 11.75A 12V, 1.5A



LP1150DMA Series 150W

Model	Output Voltage / Current
LP1150D-12MADA	12V, 12.5A
LP1150D-24MADA	24V, 6.25A
LP1150D-36MADA	36V, 4.16A
LP1150D-48MADA	48V, 3.1A
LP2150D1M	12V, 11.25A 5V, 3A
LP2150D3M	24V, 5.62A 5V, 3A



LP1500DMA Series 500W

Model	Output Voltage / Current
LP1500D-12MADA	12V, 41.6A
LP1500D-24MADA	24V, 20.8A
LP1500D-36MADA	36V, 13.9A
LP1500D-48MADA	48V, 10.4A
LP2500D1MA	12V, 36.25A 5V, 3A
LP2500D3MA	24V, 20.2A 5V, 3A

*With ● are CE safety approval, but no UL safety approval.

Features

- Input voltage range:
L1, L2 phase input 340 ~ 550VAC 47 ~ 63Hz (LTP1150D, LTP1300D)
3 phase input 340 ~ 550VAC 47 ~ 63Hz (LTP1480D, LTP1960D)
- Short protection / Overload protection / Over voltage protection
- Convection cooled (LTP1150D, LTP1300D, LTP1480D)
- Operating Temperature:
-15 ~ 50°C (LTP1150D, LTP1300D)
-15 ~ 60°C (LTP1480D, LTP1960D)
- Standard / Din rail mounting dual purpose
- Comply with High Efficiency Power 80Plus Criterion
- Build-in output stability monitor
- 1 year warranty



LTP1150D Series
49x100x83 mm



LTP1300D Series
60x100x110 mm



LTP1480D Series
60.7x131x119mm



LTP1960D Series
60.7x131x119mm



LTP1150D Series 150W

Model	Output Voltage / Current
LTP1150D-12TDA	12V, 12.5A
LTP1150D-24TDA	24V, 6.25A
LTP1150D-48TDA	48V, 3.1A

LTP1480D Series 480W

Model	Output Voltage / Current
LTP1480D-24CENDA	24V, 20A
LTP1480D-48CENDA	48V, 10A

LTP1300D Series 300W

Model	Output Voltage / Current
LTP1300D-24TDA	24V, 12.5A
LTP1300D-36TDA	36V, 8.3A
LTP1300D-48TDA	48V, 6.25A

LTP1960D Series 960W

Model	Output Voltage / Current
LTP1960D-24CENDA	24V, 40A
LTP1960D-48CENDA	48V, 20A

Features

- Input voltage range:
9~75VDC (DDP1030D, DDP1060D)
16.8~67.2VDC (DDP1120D, DDP1180D)
16.8~33.6VDC (DDP1480D)
- Short protection / Overload protection / Over voltage protection
- Input reverse polarity protection / Input under voltage protection
- Convection cooled (DDP1030D, DDP1060D, DDP1120D)
- Operating Temperature:
-20 ~ 70°C (DDP1030D, DDP1060D, DDP1120D, DDP1180D)
-15 ~ 50°C (DDP1480D)
- Standard / Din rail mounting dual purpose
- No minimum load required
- Build-in output stability monitor (DDP1480D)
- 4KVdc I/O isolation (Reinforced isolation)
- 3 years warranty



DDP1030D Series
52.5x90.7x35 mm



DDP1060D Series
52.5x90.7x70 mm



DDP1120D Series
52.5x90.7x70mm



DDP1180D Series
52.5x90.7x70mm



DDP1480D Series
100x110x60mm



DDP1030D Series 30W

Model	I/P Voltage / O/P Voltage / Current
DDP1030DG-05	9~36V, 5V, 6A
DDP1030DG-12	9~36V, 12V, 2.5A
DDP1030DG-15	9~36V, 15V, 2A
DDP1030DG-24	9~36V, 24V, 1.25A
DDP1030DL-05	18~75V, 5V, 6A
DDP1030DL-12	18~75V, 12V, 2.5A
DDP1030DL-15	18~75V, 15V, 2A
DDP1030DL-24	18~75V, 24V, 1.25A

DDP1060D Series 60W

Model	I/P Voltage / O/P Voltage / Current
DDP1060DG-05	9~36V, 5V, 10A
DDP1060DG-12	9~36V, 12V, 5A
DDP1060DG-15	9~36V, 15V, 4A
DDP1060DG-24	9~36V, 24V, 2.5A
DDP1060DL-05	18~75V, 5V, 10A
DDP1060DL-12	18~75V, 12V, 5A
DDP1060DL-15	18~75V, 15V, 4A
DDP1060DL-24	18~75V, 24V, 2.5A

DDP1120D Series 120W

Model	I/P Voltage / O/P Voltage / Current
DDP1120DB-12	16.8~33.6V, 12V, 10A
DDP1120DB-24	16.8~33.6V, 24V, 5A
DDP1120DB-48	16.8~33.6V, 48V, 2.5A
DDP1120DC-12	33.6~67.2V, 12V, 10A
DDP1120DC-24	33.6~67.2V, 24V, 5A
DDP1120DC-48	33.6~67.2V, 48V, 2.5A

DDP1180D Series 180W

Model	I/P Voltage / O/P Voltage / Current
DDP1180DB-24	16.8~33.6V, 24V, 7.5A
DDP1180DB-48	16.8~33.6V, 48V, 3.75A
DDP1180DC-24	33.6~67.2V, 24V, 7.5A
DDP1180DC-48	33.6~67.2V, 48V, 3.75A

DDP1480D Series 480W

Model	I/P Voltage / O/P Voltage / Current
DDP1480DB-24	16.8~33.6V, 24V, 20A
DDP1480DB-48	16.8~33.6V, 48V, 10A

Features

- Input voltage range: 19.2~32VAC
- Short protection / Overload protection / Over voltage protection
- Convection cooled
- Operating Temperature: -20 ~ 70°C
- Standard / Din rail mounting dual purpose
- No minimum load required
- 3KVdc I/O isolation (Reinforced isolation)
- 3 years warranty



DAD1030D24I Series
52.5x90.7x35 mm



DAD1060D24I Series
52.5x90.7x70 mm



DAD1030D24I Series 30W

Model	Output Voltage / Current
DAD1030D24I-05	5V, 6A
DAD1030D24I-12	12V, 2.5A
DAD1030D24I-15	15V, 2A
DAD1030D24I-24	24V, 1.25A

DAD1060D24I Series 60W

Model	Output Voltage / Current
DAD1060D24I-05	5V, 10A
DAD1060D24I-12	12V, 5A
DAD1060D24I-15	15V, 4A
DAD1060D24I-24	24V, 2.5A

Clamp Electromotive Force Module

EXTERNAL POWER MODULE

Features

RP-CEMF module specializes in motor application that can eliminate back electromotive force. When stepper motor is braking, back electromotive voltage that generate from motor coil will easily let the switching power supply trigger self-protection, shutdown, stop powering, even more, burn the customers' product. RP-CEMF module can quickly eliminate the back electromotive voltage and stabilize the output voltage in order to make customers' system work faster and accurate.



102x35x45 mm



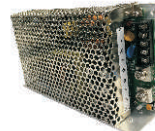
MODEL	Input Voltage	Output Voltage	Max. Average Output Current	Max. Peak Output Current
RP-CEMF	20~75VDC	20~75VDC	10A	20A

Features

- Input voltage range:
100 ~ 264VAC 47 ~ 63Hz (SLP1100, RPN1500)
90~132VAC/180~264VAC 47 ~ 63Hz (Selectable) (SLP1200)
- Power factor: 95% Min. (RPN1500)
- Short protection / Over voltage protection
- Over Temperature protection (RPN1500)
- Convection cooled
- Operating Temperature: -15 ~ 50°C



SLP1100/SLP1200 Series
151x99x35 mm



RPN1500 Series
190x106x50 mm



Green Power

SLP1100 Series 100W

Model	Output Voltage / Current
SLP21001F	12V, 7.1A 5V, 3A
SLP21002F	24V, 3.55A 5V, 3A
SLP21003F	24V, 3.17A 12V, 2A
SLP31001F	24V, 2.535A 12V, 2A 5V, 3A
SLP31002F	36V, 2.19A 12V, 1.2A 5V, 1.3A
SLP31003F	+24V, 2.84A +12V, 2A -12V, 0.65A
SLP31004F	+36V, 2.16A +12V, 1.2A -12V, 0.4A
SLP31005F	+12V, 6.28A +5V, 3A -12V, 0.8A

RPN1500 Series 500W

Model	Output Voltage / Current
RPN1500-12C	12V, 38.3A
RPN1500-24C	24V, 20.83A
RPN1500-48C	48V, 10.5A
RPN1500-24C	100V, 5A
RPN25001C	12V, 37A 5V, 2.5A

SLP1200 Series 200W

Model	Output Voltage / Current
SLP22001M	12V, 14.2A 5V, 3A
SLP22002M	24V, 7.5A 5V, 3A
SLP22003M	24V, 7.3A 12V, 2A
SLP32001M	24V, 6.705A 12V, 2A 5V, 3A
SLP32002M	36V, 4.975A 12V, 1.2A 5V, 1.3A
SLP32003M	+24V, 7A +12V, 2A -12V, 0.65A
SLP32004M	+36V, 4.93A +12V, 1.2A -12V, 0.4A
SLP32005M	+12V, 14.61A +5V, 3A -12V, 0.8A

RPN1500 Series 500W

Model	Output Voltage / Current
RPN25002C	24V, 20.2A 5V, 2.5A
RPN25004C	48V, 10.36A 5V, 1.3A
RPN25006C	100V, 4.94A 5V, 1.3A

Features

- Input voltage range:
90 ~ 264VAC 47 ~ 63Hz (RPH1300, RPH1500)
180 ~ 264VAC 47 ~ 63Hz (RPH11K0, RPH12K0)
- Power factor: 95% Min.
- Short protection / Over voltage protection
- Convection cooled (RPH1300, RPH11K0)
- Operating Temperature:
-15 ~ 50°C (RPH1300, RPH1500)
-15 ~ 60°C (RPH11K0, RPH12K0)

- Standard / Din rail mounting dual purpose (RPH11K0, RPH12K0)
- Comply with High Efficiency Power 80Plus Criterion (RPH1300, RPH1500)
- Build-in output stability monitor (RPH11K0, RPH12K0 output voltage < 150VDC)
- 150% Peak power for 10 seconds (RPH11K0)
- Split rail & Series connection possible
- 2 years warranty



RPH1300 Series
199x99x35 mm



RPH1500 Series
199x99x38 mm



RPH11K0/RPH12K0 Series
262x75x120 mm



RPH1300 Series 300W

Model	Output Voltage / Current
RPH1300-24C	24V, 12.5A
RPH1300-36C	36V, 8.3A
RPH1300-48C	48V, 6.25A
RPH1300-100C	100V, 3A
RPH1300-250C	250V, 1.2A
RPH22501C	12V, 19.58A 5V, 3.0A
RPH23002C	24V, 11.87A 5V, 3.0A
RPH23003C	24V, 11.25A 12V, 2.5A

RPH11K0 Series 1000W

Model	Output Voltage / Current / 1500W Current (10s)
RPH11K0-24CENDA	24V, 41.6A, 60A
RPH11K0-36CENDA	36V, 27.8A, 40A
RPH11K0-48CENDA	48V, 20.8A, 30A
RPH11K0-110CENDA	110V, 9A, 13A
RPH11K0-250CEN	250V, 4A, 5.76A
RPH21K0-2	24V, 40A, 61A 12V, 3A, 3A
RPH31K0-3	48V, 18A, 29A 24V, 3.5A, 3.5A 12V, 1.2A, 1.2A

RPH1500 Series 500W

Model	Output Voltage / Current
RPH1500-12C	12V, 42.0A
RPH1500-24C	24V, 20.8A
RPH1500-36C	36V, 13.9A
RPH1500-48C	48V, 10.5A
RPH1500-100C	100V, 5.0A
RPH1500-250C	250V, 2.0A
RPH25001C	12V, 40.4A 5V, 3.0A
RPH25003C	24V, 20.2A 5V, 3.0A
RPH25004C	24V, 19.6A 12V, 2.5A
RPH25005C	36V, 13.5A 5V, 3.0A

RPH12K0 Series 2000W

Model	Output Voltage / Current
RPH12K0-24CENDA	24V, 83A
RPH12K0-48CENDA	48V, 41.6A
RPH22K0-2	24V, 81A 12V, 3A
RPH32K0-3	48V, 38A 24V, 6.5A 12V, 1.2A

Features

- Input voltage range:
90 ~ 264VAC 47 ~ 63Hz (RPH11K5)
180 ~ 264VAC 47 ~ 63Hz (RPH13K0)
220~277 / 380~480VAC (3 phase 4 line Y type) (RPH15K0)
- Power factor: 95% Min.
- Short protection / Over voltage protection
- Operating Temperature: -15 ~ 50°C
- "Output Voltage Monitor" Display
- Split rail & Series connection possible
- 2 years warranty



RPH11K5 Series
131x163x63.7 mm



RPH13K0 Series
234.5x160.5x67.5 mm



RPH15K0 Series
435x320x80 mm



RPH11K5 Series 1500W

Model	Output Voltage / 220V Current	
RPH11K5-24CDA	24V, 62.5A	
RPH11K5-36CDA	36V, 41.6A	
RPH11K5-48CDA	48V, 31.25A	
RPH11K5-100CDA	100V, 15A	●
RPH11K5-220CDA	220V, 6.8A	●
RPH11K5-250CDA	250V, 6A	●
RPH11K5-380CDA	380V, 3.95A	●
RPH21K5-1	24V, 61.87A 5V, 3A	●
RPH21K5-2	48V, 31.11A 5V, 1.3A	●
RPH21K5-3	48V, 30.92A 12V, 1.3A	●
RPH21K5-4	100V, 14.93A 5V, 1.3A	●

RPH13K0 Series 3000W

Model	Output Voltage / Current
RPH13K0-24CDA	24V, 125A
RPH13K0-36CDA	36V, 83.3A
RPH13K0-48CDA	48V, 62.5A
RPH13K0-96CDA	96V, 31.25A

RPH15K0 Series 5000W

Model	Output Voltage / Current
RPH14K5-24CDA	24V, 187A
RPH15K0-36CDA	36V, 138A
RPH15K0-48CDA	48V, 104A
RPH15K0-72CDA	72V, 70A
RPH15K0-110CDA	110V, 45A
RPH15K0-150CDA	150V, 33A

*With ● are no Monitor Display ONLY

Features

- Input voltage range: 90 ~ 264VAC 47 ~ 63Hz
- Short protection / Overload protection
- External fuse: Recommend 1.5 ~ 2.0A Slow blow type
- Isolation class II
- No load power consumption < 0.3W
- Into glue dust and water resistant (can work in harsh)
- Operating Temperature: -40 ~ 70°C

- Switching power module for PCB mountable (RAM1005)
- Power module for PCB mountable & standard mountable (RAM1015, RAM1030)
- No need for external EMI filter & electrolytic capacitors
- Comply with high efficiency power 80Plus criterion
- 2010 ErP (Energy Conservation Regulation) compliant
- Good for replace adapter & Transformer
- Fully encapsulated plastic case
- 3 years warranty



RAM1005 Series
40.5x27.5x21 mm



RAM1015 Series
48.5x36x21 mm



RAM1030 Series
55x45x21 mm



RAM1005 Series 5W

Model	Output Voltage / Current
RAM1005-3.3S	3.3V, 1.25A
RAM1005-05S	5V, 1.00A
RAM1005-12S	12V, 0.42A
RAM1005-15S	15V, 0.32A
RAM1005-24S	24V, 0.23A

RAM1030 Series 30W

Model	Output Voltage / Current
RAM1025-05S	5V, 5.00A
RAM1030-12S	12V, 2.50A
RAM1030-15S	15V, 2.00A
RAM1030-24S	24V, 1.25A
RAM20301S	5V, 3.00A 12V, 1.25A
RAM20302S	5V, 3.00A 15V, 1.00A
RAM20303S	5V, 3.00A 24V, 0.63A

RAM1015 Series 15W

Model	Output Voltage / Current
RAM1015-3.3S	3.3V, 4.00A
RAM1015-05S	5V, 3.00A
RAM1015-12S	12V, 1.25A
RAM1015-15S	15V, 1.00A
RAM1015-24S	24V, 0.62A
RAM20151S	5V, 1.00A 12V, 0.83A
RAM20152S	5V, 1.00A 15V, 0.67A
RAM20153S	5V, 1.00A 24V, 0.42A

DRN Series



FEATURES :

- 12V or 24V DC redundant operation system
- Normal input LED indicator
- Abnormal input dual alarm (relay and buzzer)
- Standard / Din rail mounting dual purpose
- Easy mounting (one-step installation)
- Compose a high tier power system when uses with UPS series

Dimensions: 60x100x110mm

MODEL	Input Voltage	Output Voltage	Output Current Max.	Alarm Voltage
DRN15	10.5~33V	10~33V	15A	10VDC
DRN10-80V	33~80V	33~80V	10A	26VDC
DRN10-180V	80~180V	80~180V	10A	64VDC

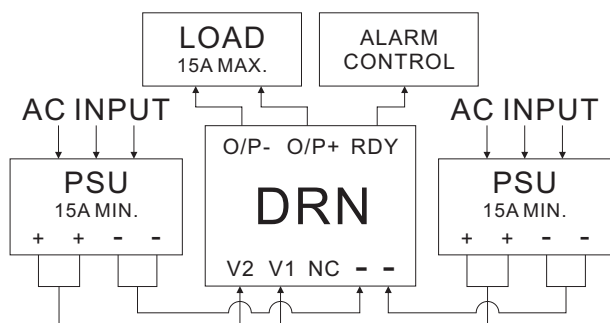
RDY Contact

Customers can design their own alarm device based on the RDY signal to prevent a situation where they are unaware of a power source failure, even when the output remains normal when one of the power sources is faulty.

Customers can use RDY signal (RDY contact) for power failure indication. Function description: The RDY signal works when one or all power sources are faulty. The RDY signal has two states: The RDY signal is open circuit to ground (negative) when all power sources are normal; The RDY signal is short-circuited to ground (negative) when any one or all power source are faulty.

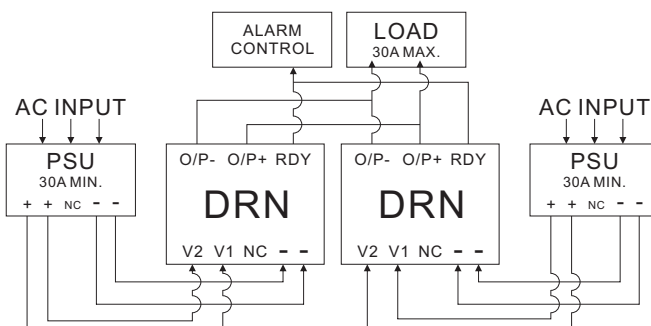
Application Circuit 1

Standard Current Connection



Application Circuit 2

Expansion Current Connection





Dimensions: 45x102x75.5mm

FEATURES :

- DC uninterruptible power supply, parallel connection to DC bus
- Convection cooled
- Standard / Din rail mounting dual purpose
- Easy mounting (one-step installation)
- DC UPS Design
- Battery Discharge Protection with Low voltage
- 0.5A Charge
- Build-in battery fuse
- Battery voltage display
- Build-in buzzer and RDY relay signal alarm of abnormal power source

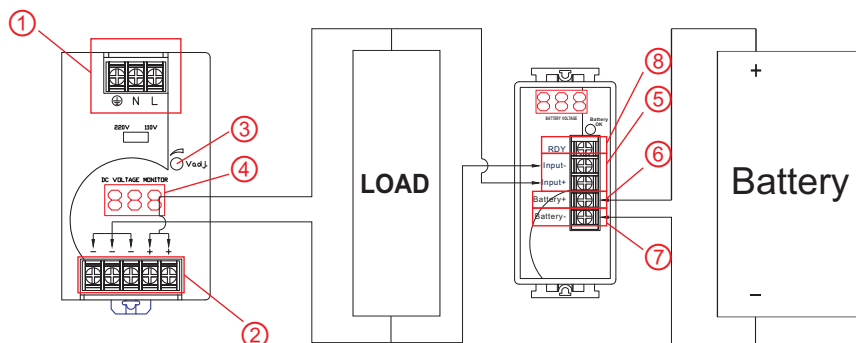
UPS Series

MODEL	Lead acid battery	External charger	Battery low voltage protection	Build-in fuse of battery	Battery output voltage
UPS15-12	12V	13.8V	10V	15A	10~13.8V
UPS15-24	24V	27.6V	20V	15A	20~27.6V
UPS15-24L	24V (7 Cells) Li-ion Battery	24V	20V	15A	20~24V

Application Circuit 1 Provide backup after AC failure.

REIGN POWER'S
SWITCHING POWER SUPPLY

REIGN POWER'S UPS SERIES

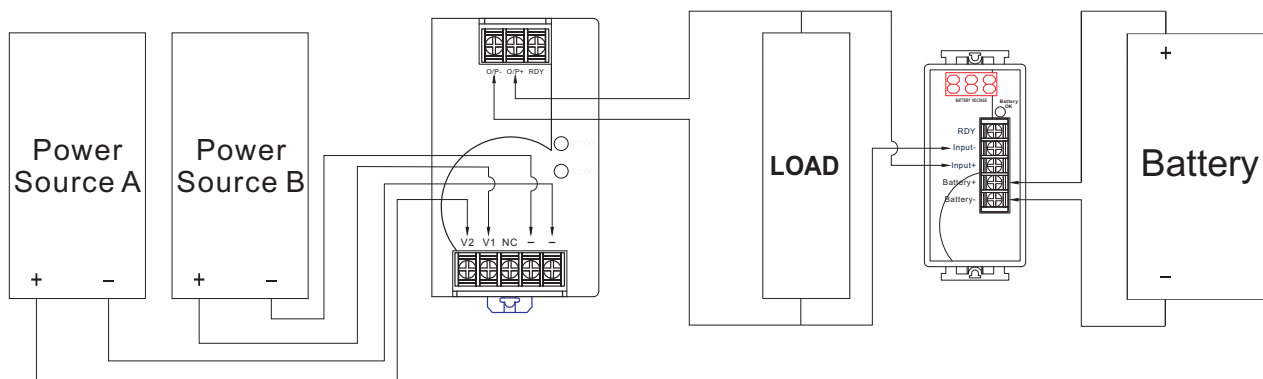


No.	Description
①	100-240VAC input
②	DC output
③	Output voltage control
④	Output voltage display
⑤	DC input
⑥	Battery positive terminal
⑦	Battery negative terminal
⑧	RDY relay signal: RDY relay is open circuit to ground when power source is normal.

Application Circuit 2 Redundant power module provides backup after AC failure or power malfunction.

DRN15

REIGN POWER'S UPS SERIES





Dimensions: 60x100x110mm



FEATURES :

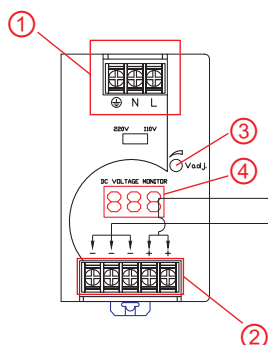
- DC uninterruptible power supply, parallel connection to DC bus
- Convection cooled
- Standard / Din rail mounting dual purpose
- Easy mounting (one-step installation)
- UPS Design
- Battery Discharge Protection with Low voltage
- 3A Charge
- No need to replace internal fuse after short protection
- Battery Reverse Polarity Protection
- DC Bus, Battery Status LED, Relay Output Contact

UPS Series

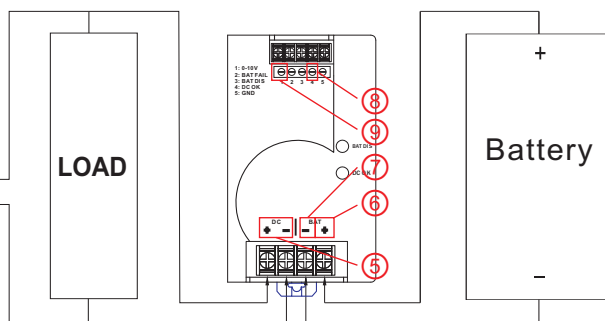
MODEL	Lead acid battery	Power source	Battery low voltage protection	Max. battery output current	Battery output voltage
UPS30-24	24V	27.6V	20.5V	30A	20.5~27.6V
UPS30-24L	24V (7 Cells) Li-ion Battery	24V	20.5V	30A	20.5~24V

Application Circuit 1 Provide backup after AC failure.

REIGN POWER'S SWITCHING POWER SUPPLY

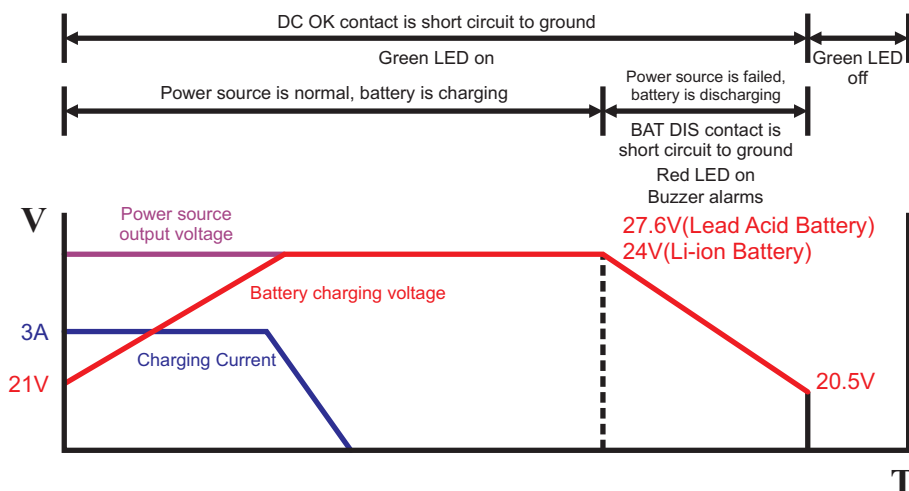


REIGN POWER'S UPS SERIES



No.	Description
①	100-240VAC input
②	DC output
③	Output voltage control
④	Output voltage display
⑤	DC input
⑥	Battery positive terminal
⑦	Battery negative terminal
⑧	Relay terminal: Relay is short circuit to ground when power source is normal.
⑨	Battery Proportional Signal

Charging Curve





Dimensions: 151x99x35mm

FEATURES :

- Input voltage range:
90 ~ 264VAC 47 ~ 63Hz (RCB1100D)
90~132VAC/180~264VAC 47 ~ 63Hz (Selectable) (RCB1200D)
- Functioned as UPS when connecting external battery
- Battery Reverse Protection
- Battery Low Voltage Protection (Automatic Disconnect)
- Signal of AC Power Cut-off (Battery Powered)
- Convection cooled
- Short protection / Overload protection
- 2 years Warranty
- Operating Temperature: -15 ~ 50°C

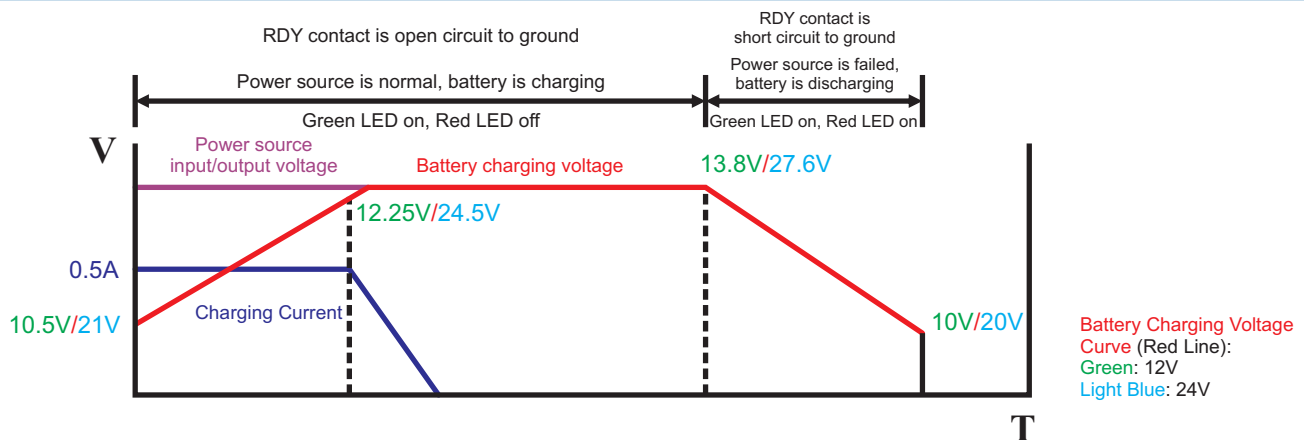
RCB1100D Series 100W

Model	Battery Voltage	Output Voltage / Current
RCB1100-12FD	12V	V1:13.8, 7.25A B+:13.8, 0.5A
RCB1100-12FD	24V	V1:27.6, 3.65A B+:27.6, 0.5A

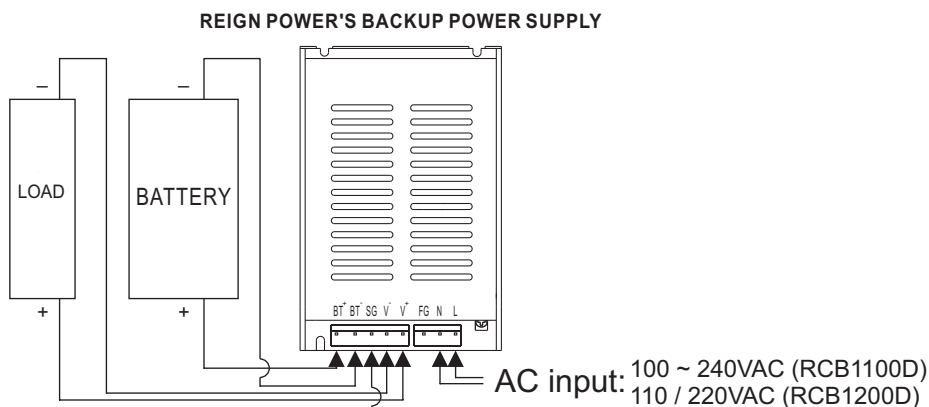
RCB1200D Series 100W

Model	Battery Voltage	Output Voltage / Current
RCB1200-24MD	24V	V1:27.6, 7.25A B+:27.6, 0.5A

Output Voltage / Battery Charging and Discharging Curve



Battery Charger Connection



Power source normal: SG contact is open circuit to ground. Green LED on, Red LED off.
Power source failure (battery powered): SG contact is short circuit to ground. Green LED on, Red LED on.

LCP1X00CD Features

- Input voltage range:
90 ~ 264VAC 47 ~ 63Hz (LCP1100CD)
90~132VAC/180~264VAC 47 ~ 63Hz (Selectable) (LCP1200CD)
- Short protection / Overload protection
- Convection cooled
- Constant voltage, constant current charging
- Operating Temperature: -15 ~ 50°C
- Automatic output protection, no replacement fuse
- Reverse Polarity Protection
- Can modify to Li-ion Battery (lithium iron and lithium manganese)



LCP1100CD/LCP1200CD Series
151x99x35 mm



RP1500C Features

- Input voltage range: 90 ~ 264VAC 47 ~ 63Hz
- Short protection / Overload protection
- Over voltage protection
- Over Temperature protection
- Operating Temperature: -15 ~ 50°C
- Automatic output protection, no replacement fuse
- Fully charged & Abnormal charging indicator
- Reverse Polarity Protection
- Can modify to Li-ion Battery (lithium iron and lithium manganese)
- 2 years Warranty



RP1500C Series
199x99x38 mm



LCP1100CD Series 100W

Model	Boost, Float O/P Volt/ Charge Current
LCP1100C-12FD	14.4V, 13.8V, 7A
LCP1100C-24FD	28.8V, 27.6V, 3.5A

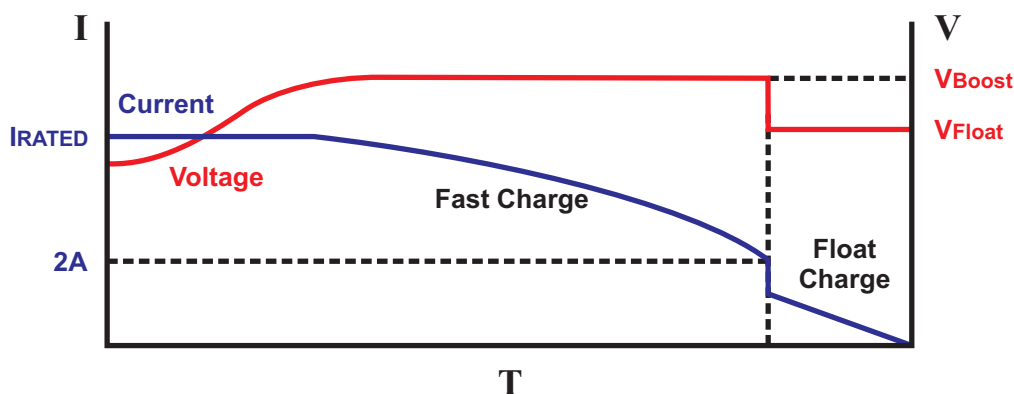
RP1500C Series 500W

Model	Boost, Float O/P Volt/ Charge Current
RP1450C-12C	14.4V, 13.8V, 31.25A
RP1500C-24C	28.8V, 27.6V, 17.36A
RP1500C-48C	57.6V, 55.2V, 8.68A

LCP1200CD Series 200W

Model	Boost, Float O/P Volt/ Charge Current
LCP1200C-12MD	14.4V, 13.8V, 14A
LCP1200C-24MD	28.8V, 27.6V, 7A

Charging Curve



Features

- Input voltage range:
90 ~ 264VAC 47 ~ 63Hz (RPH1100C, RPH1300C, RPHF1500C)
90~132VAC/180~264VAC 47 ~ 63Hz (Selectable) (RPH1200C)
- Short protection / Overload protection
- Over Temperature protection (RPH1300C, RPHF1500C)
- Convection cooled (RPH1100C, RPH1200C, RPH1300C)
- Constant voltage, constant current charging
- Operating Temperature: -15 ~ 50°C
- Battery voltage digital display
- Design Meet IP64 (RPH1100C, RPH1200C, RPH1300C)
- On/Off Switch with Light
- Automatic output protection, no replacement fuse
- Fully charged & Abnormal charging indicator
- Reverse Polarity Protection
- Can modify to Li-ion Battery (lithium iron and lithium manganese)
- 2 years Warranty



RPH1100C/RPH1200C/RPH1300C Series
248.5x136x43 mm



RPHF1500C Series
268.5x136x43 mm



RPH1100C Series 100W

Model	Boost, Float O/P Volt/ Charge Current
RPH1100C-12F	14.4V, 13.8V, 7A
RPH1100C-24F	28.8V, 27.6V, 3.5A

RPH1300C Series 300W

Model	Boost, Float O/P Volt/ Charge Current
RPH1300C-24C	28.8V, 27.6V, 10.4A
RPH1300C-48C	57.6V, 55.2V, 5.2A

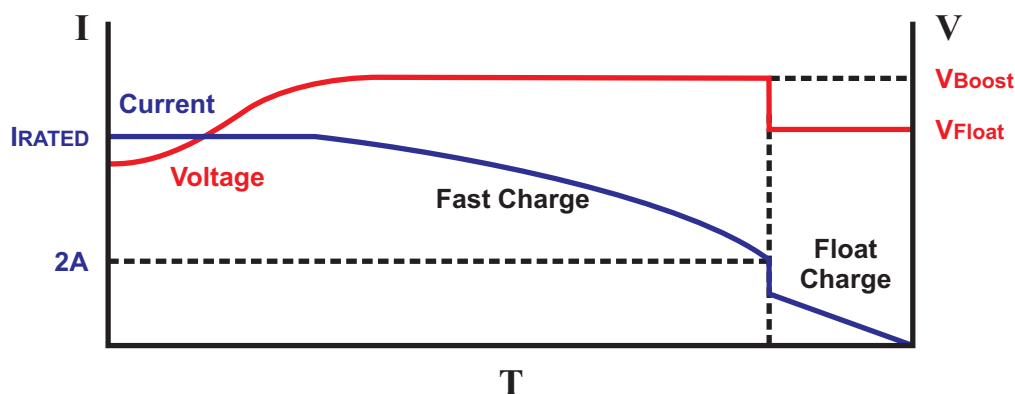
RPH1200C Series 200W

Model	Boost, Float O/P Volt/ Charge Current
RPH1200C-12M	14.4V, 13.8V, 14A
RPH1200C-24M	28.8V, 27.6V, 7A

RPHF1500C Series 500W

Model	Boost, Float O/P Volt/ Charge Current
RPH1450C-12C	14.4V, 13.8V, 31.25A
RPH1500C-24C	28.8V, 27.6V, 17.36A
RPH1500C-48C	57.6V, 55.2V, 8.68A

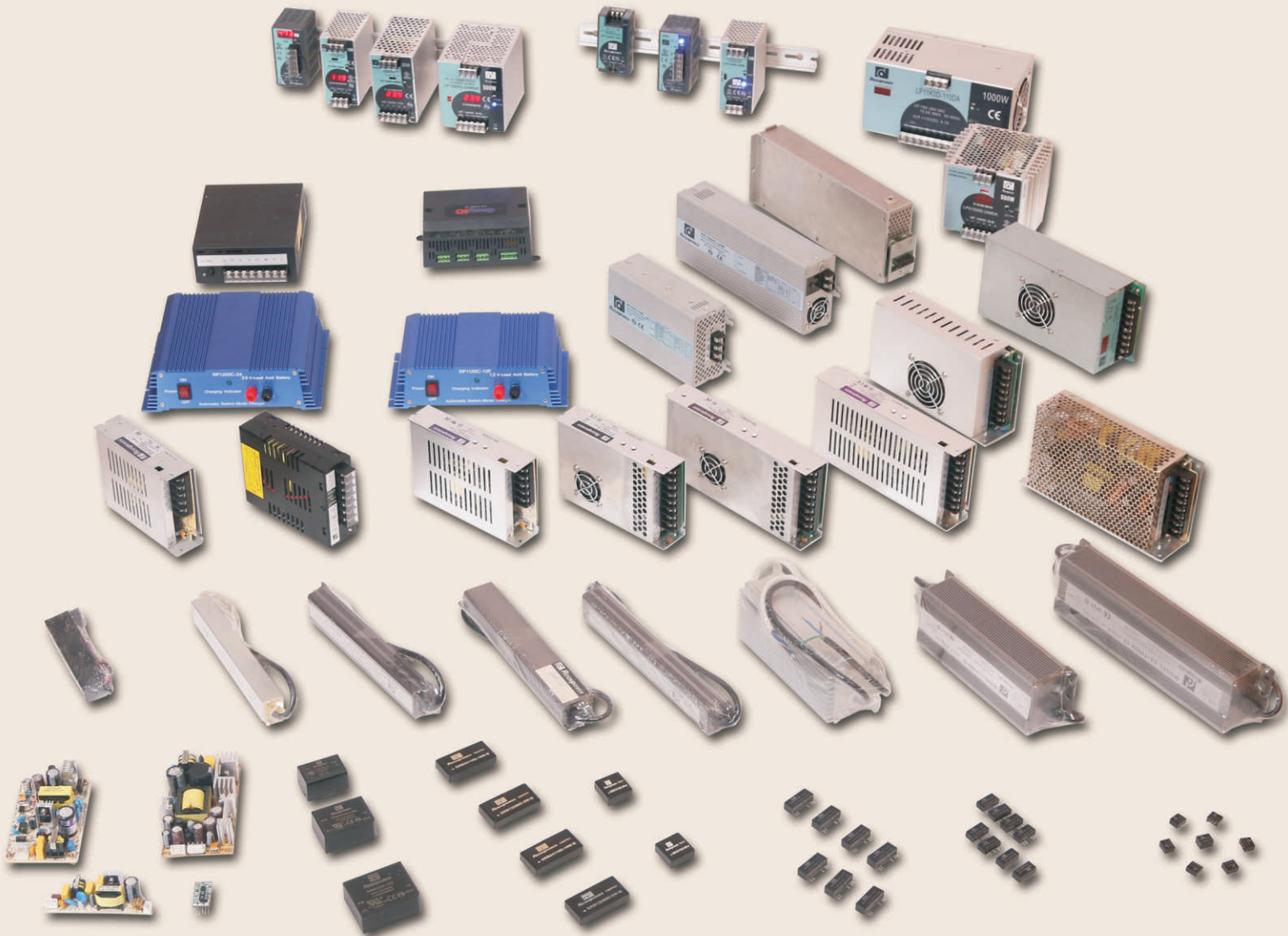
Charging Curve





AC → DC SWITCHING POWER SUPPLY

PRODUCT



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