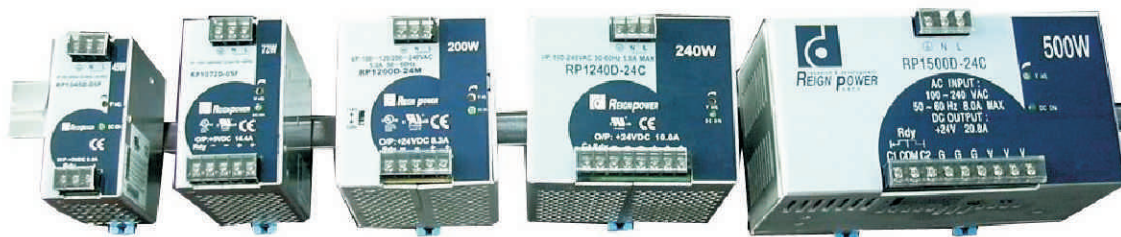




All the patents are held accountable counterfeiting.

Features



- Power Ready Signal
- Redundant function
- Din Rail/ Screw Mounting Dual Purpose
- Easy mounting (one-step installation)
- Workable for both power supply/ DC Backup System
- Fan speed control (PCB damp proof process)
- 100% full load burn-in test
- 2-year warranty
- Output modify range: 3V~200VDC
- Split rail & Series connection possible
- Power Supply / DC redundant power system

CE
E159228



Detail specifications

12 Volt Battery Backup System

		1045D-12FT-C	1072D-12FT-C	1120D-12MT-C	1120D-12CT-C	1200D-12MT-C	1200D-12CT-C	1240D-12CT-C	1500D-12CT-C	11K0D-12T-C
OUTPUT	DC VOLTAGE	13.8 VDC								
	RIPPLE & NOISE _(max)	120 mV								
	LINE REG.*	+/- 1%								
	LOAD REG.*	13.2~13.9 VDC								
	HOLD-UP TIME	16 ms/ 110VAC								
	RATED CURRENT	2.93A	4.68A	7.83A	7.83A	13.05A	13.05A	15.66A	32.61A	65.22A
INPUT	CHARGING CURRENT	2.93A	4.68A	7.83A	7.83A	13.05A	13.05A	15.66A	32.61A	65.22A
	FREQUENCY RANGE	47 ~ 63 Hz								
	INRUSH CURRENT(max)	20A/110VAC, 40A/ 220VAC								
	VOLTAGE RANGE	90~264VAC 127~380VAC	90~264VAC 127~380VAC	110/220VAC 220~380VAC	90~264VAC 127~380VAC	110/220VAC 220~380VAC	90~264VAC 127~380VAC	90~264VAC 127~380VAC	90~264VAC 127~380VAC	180~264VAC 220~380VAC
	AC CURRENT(max)	1.0A	2.0A	5.0A	5.0A	5.0A	5.0A	5.0A	8.0A	15.0A
	Efficiency (Typ.)*	70%	73%	78%	73%	78%	77%	77%	78%	82%
PROTEC-TION	PFC (min)	-----	-----	-----	95%	-----	95%	95%	95%	-----
	OVERLOAD	95~105% Rated Output Power (Automatic Power Limited)								
	SHORT	Autorecovery								
	OVER VOLTAGE	14.3~15.8VDC	14.4~16.5VDC	15~18VDC	15~18VDC	15~18VDC	15~18VDC	15~18VDC	15~18VDC	15~18VDC
COOLING		Convention	Convention	Convention	Convention	Fan	Fan	Convention	Fan	Fan

24 Volt Battery Backup System

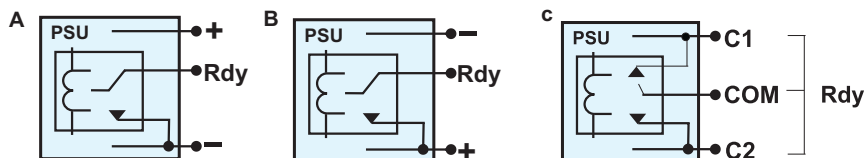
MODEL		1045D-24FT-C	1072D-24FT-C	1120D-24MT-C	1120D-24CT-C	1200D-24MT-C	1200D-24CT-C	1240D-24CT-C	1500D-24CT-C	11K0D-24T-C
OUTPUT	DC VOLTAGE	27.6 VDC								
	RIPPLE & NOISE _(max)	240 mV								
	LINE REG.*	+/- 1%								
	LOAD REG.*	27~27.7 VDC								
	HOLD-UP TIME	16 ms/ 110VAC								
	RATED CURRENT	1.49A	2.34A	3.92A	3.92A	6.53A	6.53A	7.83A	16.29A	32.61A
INPUT	CHARGING CURRENT	1.49A	2.34A	3.92A	3.92A	6.53A	6.53A	7.83A	16.29A	32.61A
	FREQUENCY RANGE	47 ~ 63 Hz								
	INRUSH CURRENT(max)	20A/110VAC, 40A/ 220VAC								
	VOLTAGE RANGE	90~264VAC 127~380VAC	90~264VAC 127~380VAC	110/220VAC 220~380VAC	90~264VAC 127~380VAC	110/220VAC 220~380VAC	90~264VAC 127~380VAC	90~264VAC 127~380VAC	90~264VAC 127~380VAC	180~264VAC 220~380VAC
	AC CURRENT(max)	1.0A	2.0A	5.0A	5.0A	5.0A	5.0A	5.0A	8.0A	15.0A
	Efficiency (Typ.)*	75%	75%	80%	75%	80%	79%	80%	80%	83 %
PROTEC-TION	PFC (min)	-----	-----	-----	95%	-----	95%	95%	95%	-----
	OVERLOAD	95~105% Rated Output Power (Automatic Power Limited)								
	SHORT	Autorecovery								
	OVER VOLTAGE	28.5~31.5VDC	28.5~31.5VDC	30~36VDC	30~36VDC	30~36VDC	30~36VDC	30~36VDC	30~36VDC	30~36VDC
COOLING		Convention	Convention	Convention	Convention	Fan	Fan	Convention	Fan	Fan



All the patents are held accountable counterfeiting.

48 Volt Battery Backup System

MODEL		1045D-48FT-C	1072D-48FT-C	1120D-48MT-C	1120D-48CT-C	1200D-48MT-C	1200D-48CT-C	1240D-48CT-C	1500D-48CT-C	11K0D-48T-C
OUTPUT	DC VOLTAGE	55.2 VDC								
	RIPPLE & NOISE _(max)	400 mV								
	LINE REG.*	+/- 1%								
	LOAD REG.*	54.6~55.3 VDC								
	HOLD-UP TIME	16 ms/ 110VAC								
	RATED CURRENT	0.74A	1.17A	1.95A	1.95A	3.26A	3.26A	3.92A	8.15A	16.30A
INPUT	CHARGING CURRENT	0.74A	1.17A	1.95A	1.95A	3.26A	3.26A	3.92A	8.15A	16.30A
	FREQUENCY RANGE	47 ~ 63 Hz								
	INRUSH CURRENT(max)	20A/110VAC, 40A/ 220VAC								
	VOLTAGE RANGE	90~264VAC 127~380VAC	90~264VAC 127~380VAC	110/220VAC 220~380VAC	90~264VAC 127~380VAC	110/220VAC 220~380VAC	90~264VAC 127~380VAC	90~264VAC 127~380VAC	90~264VAC 127~380VAC	180~264VAC 220~380VAC
	AC CURRENT(max)	1.0A	2.0A	5.0A	5.0A	5.0A	5.0A	5.0A	8.0A	15.0A
	Efficiency (Typ.)*	77%	75%	78%	76%	80%	80%	80%	82%	83%
PROTEC-TION	PFC (min)	-----	-----	-----	95%	-----	95%	95%	95%	-----
	OVERLOAD	95~105% Rated Output Power (Automatic Power Limited)								
	SHORT	Autorecovery								
	OVER VOLTAGE	56.7~65.2VDC	56.7~65.2VDC	56~61VDC	56~61VDC	56~61VDC	56~61VDC	56~61VDC	56~61VDC	56~61VDC
	COOLING	Convention	Convention	Convention	Convention	Fan	Fan	Convention	Fan	Fan

Rdy Connection

- A: Rdy Internal Connection of T Type Terminal Block
 B: Rdy Internal Connection of E Type Terminal Block
 C: Rdy Internal Connection of 500 watts Terminal Block only
 (Isolation between the RDY connection Signal and the primary/ secondary side)

Part Number Rule

Please Choose Fit Function,
 And Fill In The Blank With Suitable Words.

Order Model: RP1500D-24C -C

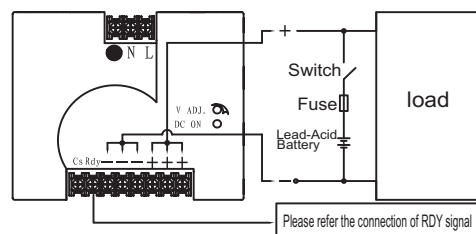
Optional Function:

Terminal Block: "T" : PCB Barrier Terminal Block

"E" : Mini Terminal Block

Connection (1)

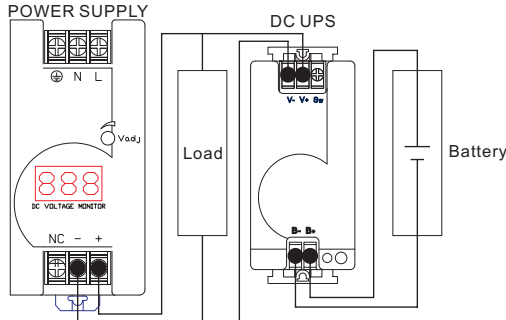
BACK-UP POWER SUPPLY



Note: Output power must higher than load current.

Connection (2)

SWITCHING POWER SUPPLY

**CE Standards**

EN 55022 CLASS A, EN 50082-1,
 EN 55024, EN 61000-3-2 CLASS A,
 EN 61000-3-3, (EN 61000-4-2,
 EN 61000-4-3, EN 61000-4-4,
 EN 61000-4-5, EN 61000-4-6,
 EN 61000-4-11), LVD: EN 60950

Safety Standards

UL 60950 APPROVAL
 CUL 60950 APPROVAL
 CE Marking

Environments

Operating Temperature -15 ~ 50°C, Ambient
 Operating Humidity 20 ~ 90% RH, No Condensing
 Storage Temperature -20 ~ 85°C, Ambient
 Vibration 2G, 10~500Hz, 3 axes

Notice: RP1072D, RP1120D-xxM and RP1200D-xxM series can not meet the rule of EN61000-3-2

NOTE:

- Each output can provide up to maximum load, but total load can not exceed rated output power.
- Line regulation is measured from low line to high line at rated load.
- Load regulation is measured from 20% to 100% of rated load at 220VAC input. (Redundant function Sepc. 0.6V Add.)
- Ripple & Noise are measured with 20MHz oscilloscope at 220VAC by using a 20cm long 12" twisted pair-wire with a 0.1uF/630V metal capacitor & a 47uF electrolytic capacitor parallel on the test point.
- Efficiency is measured at rated load and 220VAC input.
- Hold-up time is measured at rated load and 220VAC input.
- Reign Power reserve the right to change specifications at any time without notice.