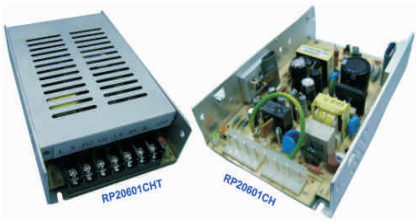
BACKUP POWER CONTROLLER

RP2060XCH

Features



DIMENSIONS : 151(L) x 99(W) x 35(H)mm
WEIGHTS: 500g

- Battery Reverse Protection (Fuse)
- Battery Low Voltage Protection (Relay Open)
- Signal of AC Power Cut-off
- Convection cooled
- Power OK: Signal output for easy to control
- 100% burn-in test
- Bulid-in wave filter
- Smallest size
- MOSFET designed
- 350,000Hrs MTBF per MIL-HDBK-217F
- 2 years Warranty
- Output modify range: 3V~200VDC
- Split rail & Series connection possible

General specifications

INPUT

Input range	90~264VAC 127~380VDC
Input frequency	47~63Hz
Inrush current (25° C)	20A/110VAC 40A/220VAC

OUTPUT

Hold-up time	13mS
Short protection	Autorecovery
Overload protection	Automatic power limited

Type Function & AC Source Signal(Option)

Order Model : RP2060□CH□□
Optional Function:
□Output Voltage Type
□Terminal Block:
"E" Mini Terminal Block
"T" PCB Barrier Terminal Block
□OR□ AC Source Ready Signal:
"A" Relay Connection(AC/on short ; AC/off open)
"B" Voltage signal (AC/on signal as O/P Voltage ; AC/off no signal)
Please Choose Fit Function, And Fill In The Blank With

Detail specifications

60 Watts

MODEL	O/P Volt Adj. ± %	Load(Current) 1			Ripple & Noise 4	Line REG. 2	Load REG. 3	Efficiency 5
		Min.	Rated	Max.				
RP20601CH	V1: +27.6V ±10% B+: +27.6V-----	0A 0A	2A 0.16A	2A ----	240mVp-p ----	±1% -----	±1% -----	72% Min.
RP20602CH	V1: +13.8V ±10% B+: +13.8V-----	0A 0A	4.2A 0.16A	4.2A ----	120mVp-p ----	±1% -----		72% Min.

EMC Standards

EN55022 CLASS A
EN61000-3-3
EN55024(IEC61000-4-2,
IEC61000-4-3, IEC61000-4-4
IEC61000-4-5, IEC61000-4-6
IEC61000-4-8, IEC61000-4-11)

Safety Standards

UL/CSA 60950 Meet
E159228
CE Marking

Environments

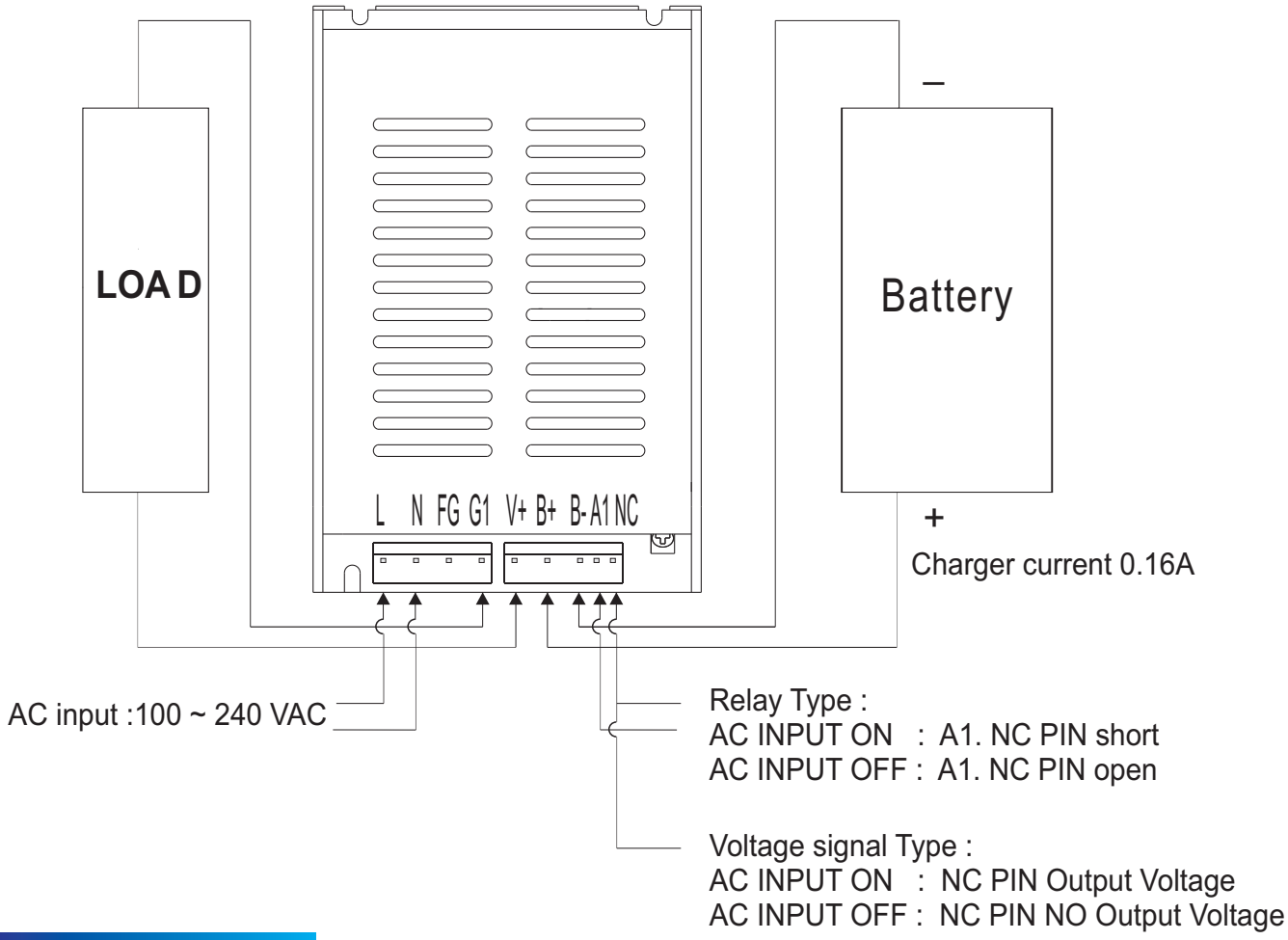
Operating Temperature	5 ~ 95% RH, No Condensing
Operating Humidity	-15~ 50°C, Ambient
Storage Temperature	-20 ~ 85°C, Ambient
Vibration	2G, 10~500Hz, 3 axes

NOTE : **1.** Each output can provide up to maximum load, but total load can not exceed rated output power.
2. Line regulation is measured from low line to high line at rated load.
3. Load regulation is measured from 20% to 100% of rated load at 110VAC input.
4. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
5. Efficiency is measured at rated load and 110VAC input.
6. Hold-up time is measured at rated load and 110VAC input.
7. Reign Power reserve the right to change specifications at any time without notice.

WEB : http://www.switching-powers.com
E-mail : rp21003f@ms7.hinet.net
Tel : 886-2-22997550
Fax : 886-2-22997596
REIGNPOWER S.M.P.S

Battery Charger Connection

REIGN POWER'S BACKUP POWER SUPPLY



Panel Designation

Pin		Description		
1	L	Line Terminal of Input		
2	N	Neutral Terminal of Input		
3	FG	Groud(Earth)		
4	G1	DC Output Ground Terminal		
5	V+	DC Output Terminal		
6	B+	DC Output Battery + Terminal		
7	B-	DC Output Battery - Terminal		
Singal Pin		**AC Input**	**Relay**	**Voltage Signal**
8	A1	ON	A1, NC Pin Short	A1 Pin NO Output, NC Pin Output
9	NC	OFF	A1, NC Pin Open	A1, NC Pin NO Output

WEB : http://www.switching-powers.com
E-mail : rp21003f@ms7.hinet.net
Tel : 886-2-22997550
Fax : 886-2-22997596
REIGNPOWER S.M.P.S