

SNP-Gxxx Serie ご紹介

(2011年 量産スタート 予定)

(1) SNP-Gxxx Serie line-up

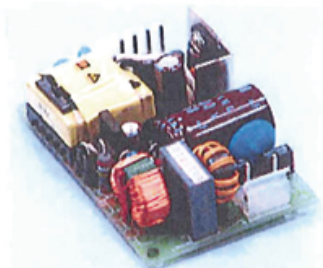
- ① 出力電力Line-up : 20W/40W/60W/100W/200W/300W
- ② 出力電圧Line-up : 単出力 +12V/+15V/+18V/+24V/+36V/+48V (候補)

(2) SNP-Gxxx Serie 特徴/性能

- ① 小型化: Skynet社従来機と比較して約60%の小型化を実現。
(オープンフレームType では世界最小)
- ② 待機時(出力無負荷状態)消費電力<0.5Wを実現。(* G02x/G04x <0.3W)
- ③ 変換効率: 出力電力25%~100% まで電源効率 87~93%を実現。
- ④ 使用環境温度 -20℃~+70℃(但し +50℃~+70℃ 温度デレーティング有り)
- ⑤ G10x/G20x/G30x Serie PFC搭載により高調波電流規制 Class D (力率:0.9以上)
- ⑥ 安全規格 IT(60950-1)/Medical(60601-1) 取得予定

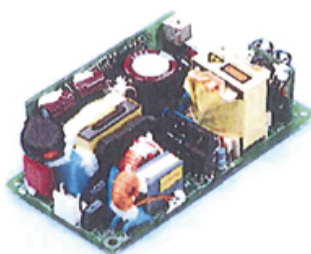
低消費電力化及び小型化を開発コンセプトとして現在開発を進めております。
上記特徴等をご確認頂ければ、近年の顧客ニーズに合致した電源でございます。

SNP-G04x Serie(type 40W)



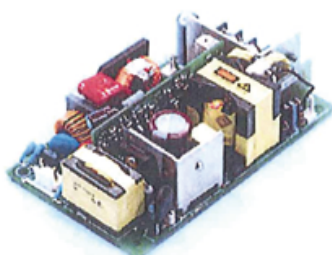
外形 (50.8x76.2x25.4) 従来機比: 75%

SNP-G10x Serie(type 100W)



外形 (50.8x101.6x35.5) 従来機比: 60%

SNP-G20x Serie(type 200W)



外形 (76.2x127.0x38.0) 従来機比: 60%

開発スケジュール(2010.07 現在)

1) SNP-G04x Serie	
Engineer Sample 完了予定	2010.09
2) SNP-G30x Serie (注1)	
Engineer Sample 完了予定	2010.10
3) SNP-G20x Serie	
Engineer Sample 完了予定	2010.11
4) SNP-G06x/G10x Serie	
Engineer Sample 完了予定	2010.12
5) SNP-G02x Serie	
開発スタート	2011~

(注1)

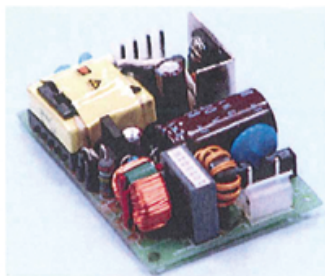
SNP-G307: 開発、量産試作完了済 量産スタート

* Sample完了後順次安全規格取得予定

Features

- Universal input 90Vac~264Vac
- Single output models only. +12V/+15V/+18V/+24V/+28V/+36V/+48V output models will be available
- Power density 6.06W/in³
- Rated load 40W with convection cooling
- Peak load 55W/3sec, duty cycle 10%, average power<40W
- Efficiency up to 89%
- No load input power <0.3W
- Operating temperature -20°C~+70°C (derates linearly to 50% from 50°C to 70°C)
- ITE/Medical dual safety
- Open frame 2"×3"×1.1" (50.8×76.2×28.0)
- FR4 dual layer PCB to increase reliability
- Class I/Class II installation
- Available Q4 2010

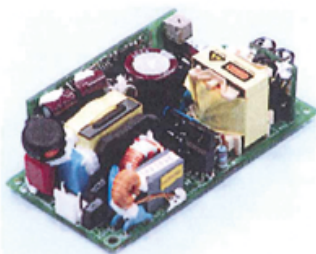
SNP-G04x Serie(type 40W)



Features

- Universal input 90Vac~264Vac
- Built-in active PFC
- Single output models only. +12V/+15V/+18V/+24V/+28V/+36V/+48V output models will be available
- Power density 8.93W/in³
- Rated load 100W with convection cooling
- Max load 150W with forced air cooling
- Peak load 200W/3sec, duty cycle 10%, average power<100W
- Efficiency up to 92%
- Average efficiency of 25%, 50%, 75% and 100% rated load >87%
- No load input power <0.5W
- Operating temperature -20°C~+70°C (derates linearly to 50% from 50°C to 70°C)
- ITE/Medical dual safety
- Open frame 2"×4"×1.4" (50.8×101.6×35.6)
- Class I/Class II installation
- Available Q4 2010

SNP-G10x Serie(type 100W)



Features

- Universal input 90Vac~264Vac
- Built-in active PFC
- Single output models only. +12V/+15V/+18V/+24V/+28V/+36V/+48V output models will be available
- Power density 8.89W/in³
- Rated load 200W with convection cooling
- Max load 300W with forced air cooling
- Peak load 400W/3sec, duty cycle 10%, average power<200W
- Efficiency up to 92%
- Average efficiency of 25%, 50%, 75% and 100% rated load >87%
- No load input power <0.5W
- Operating temperature -20°C~+70°C (derates linearly to 50% from 50°C to 70°C)
- ITE/Medical dual safety
- Open frame 3"×5"×1.5" (76.2×127.0×38.1)
- Class I installation
- Optional metal enclosure (fit 1U height)
- Available Q4 2010

SNP-G20x Serie(type 200W)

