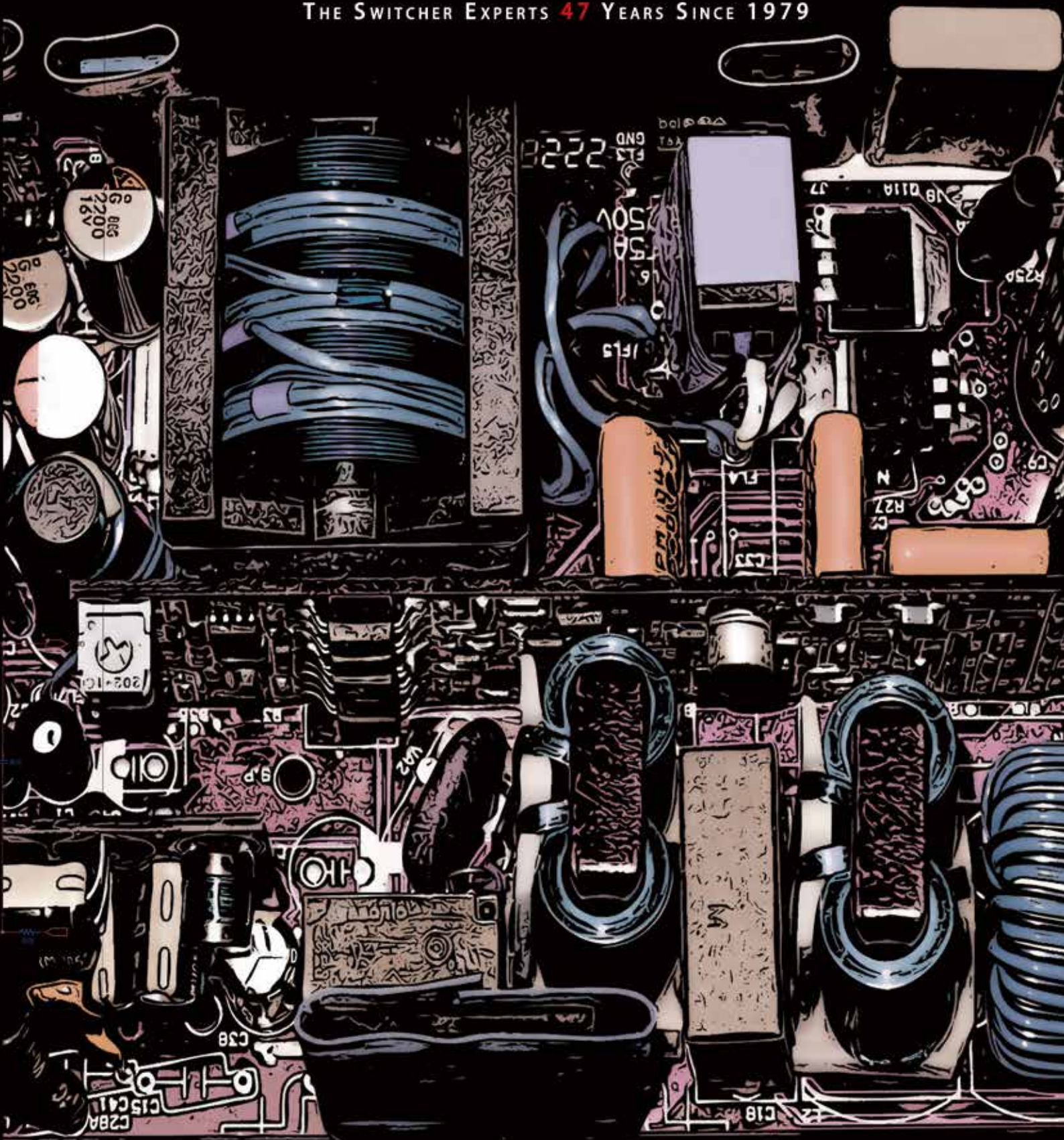


SKYNET

THE SWITCHER EXPERTS **47** YEARS SINCE 1979



PRODUCTS CATALOGUE **2026**

Endless Quest since 1979

“Skynet” is a renowned brand in the power supply industry, known for its production of long-lasting and highly reliable products and services.

Skynet employs Lean Manufacturing and offers make-to-order services with no minimum order quantity (MOQ) requirement. In addition to standard products, Skynet warmly welcomes modified standard or custom designs.

Skynet provides end users with a lifetime warranty.



Headquarters and Factories



Headquarters (Taipei)



Factory (Taipei)



Factory (Hangzhou)

There is no reason to select Skynet as a supplier if your system is merely a commodity. We regard every returned unit as precious and subject it to detailed analysis to identify the cause of failure and assume responsibility, rather than simply providing replacements or repairs.

Once Skynet identifies the cause of failure, the appropriate countermeasures will be implemented. This is the essence of Skynet's unending pursuit.

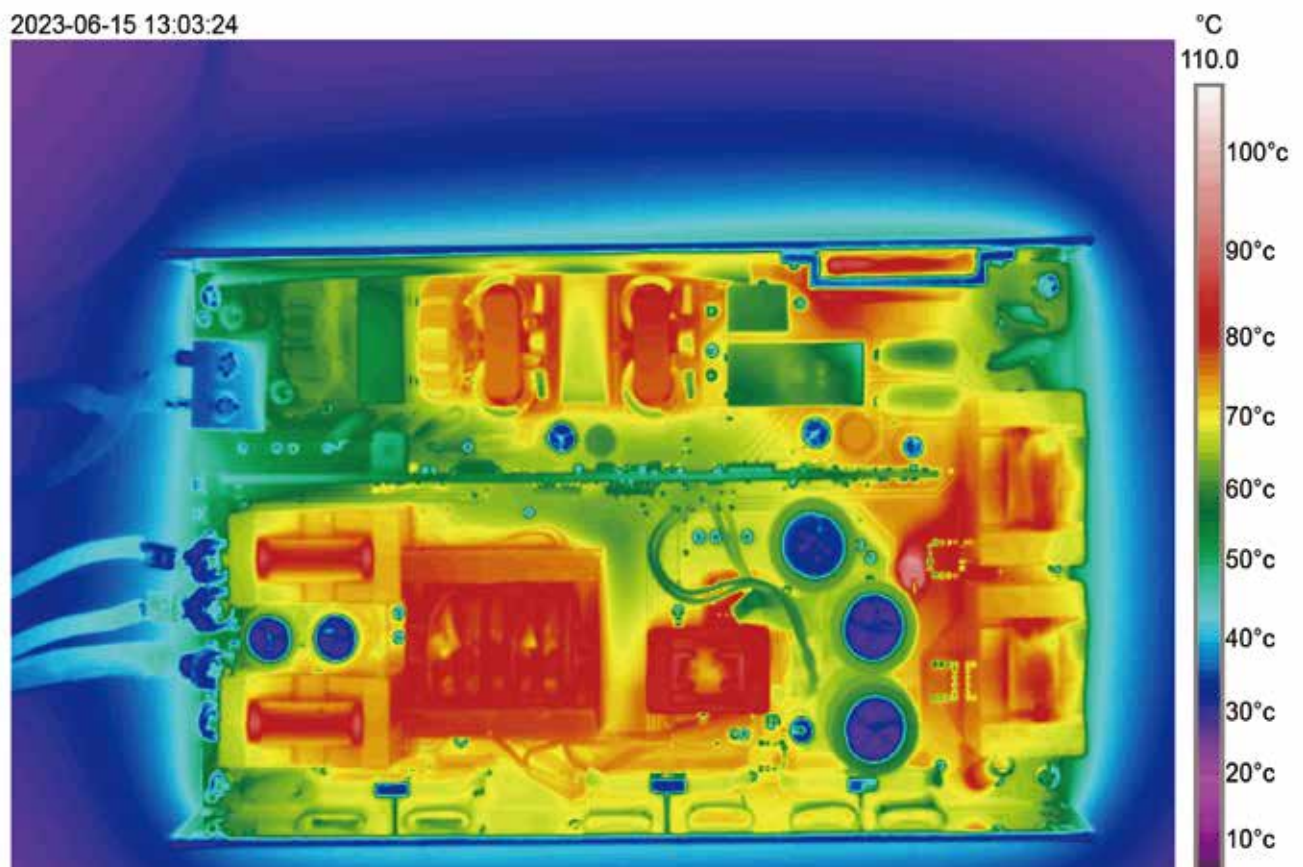
The same approach will be extended to our services, even for units that were manufactured 30 years ago. We will repair them free of charge, as these products bear the name of Skynet.



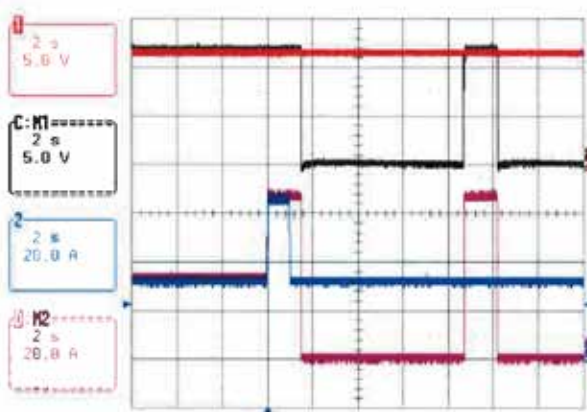
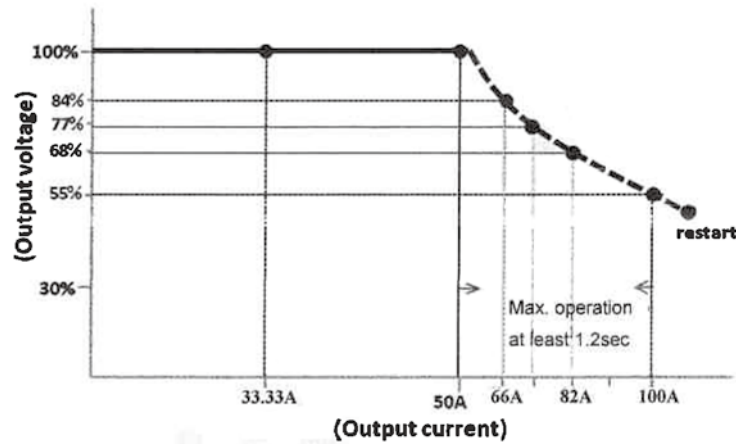
During the design-in stage, many customers request the MTBF and lifetime figures for their quality department. A longer MTBF indicates a lower failure rate during the lifetime period. However, there is no direct relationship between MTBF and lifetime. For instance, the average human lifespan is around 80 years, while that of a dog is 15 years. But it is uncertain who visits the doctor more frequently.

Smartphones require a longer MTBF to reduce after-service costs. However, a reasonably short lifetime can provide customers with a good reason and willingness to replace the old version with a new one. This is the design objective of a commodity.

Most Skynet products are designed for long life and high MTBF applications. The estimated figures of MTBF and lifetime cannot reveal the truth. Skynet's experience and know-how are more reliable.



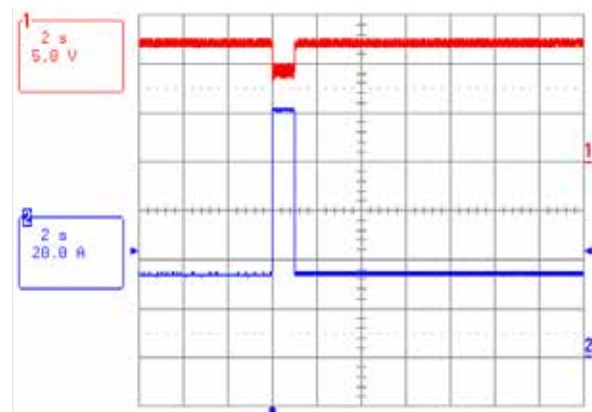
Many Skynet power supplies provide peak load and surge load capabilities instead of shutting down immediately when they reach an overload condition. This feature is beneficial for various applications, such as audio power amplifiers and motor drive systems.



Peak Load Behavior

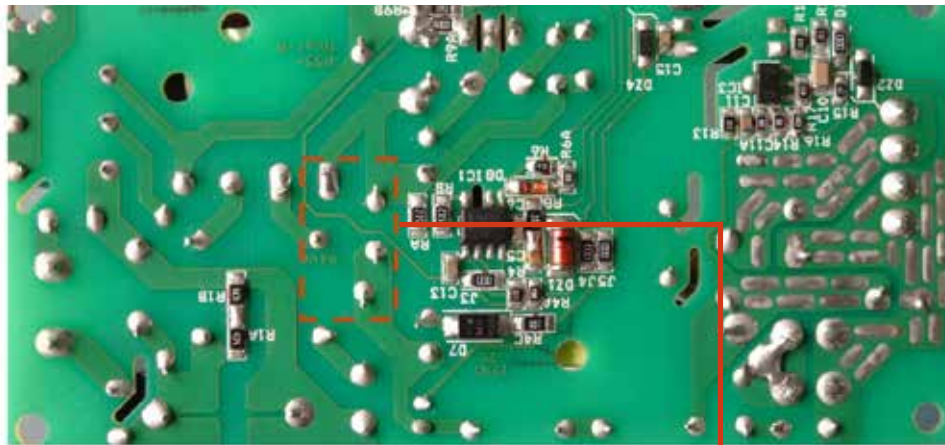
The red line represents a stable voltage, while the blue line indicates that the current jumps up to two times the rated current (peak current) for less than 1.2 seconds.

On the other hand, the black line represents an auto-recovery behavior of the output voltage, while the purple line indicates that the current (peak current) lasts longer than 1.2 seconds.

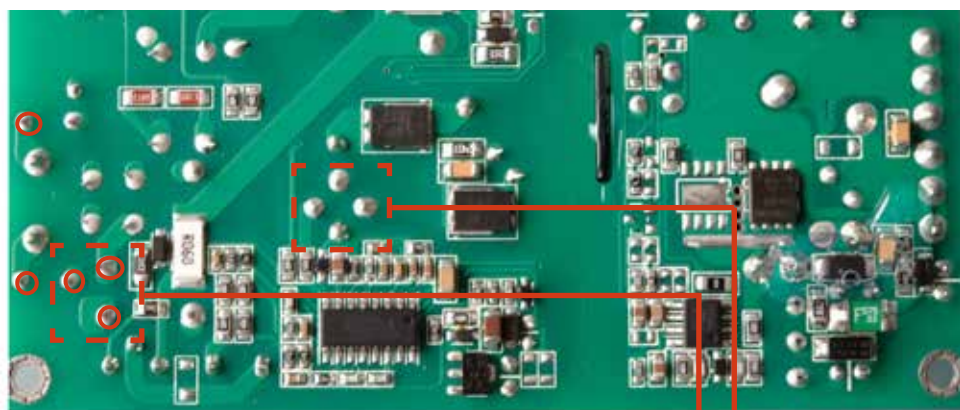
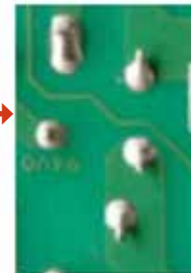


Surge Load Behavior

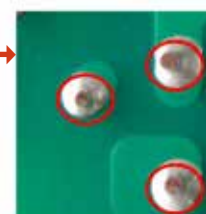
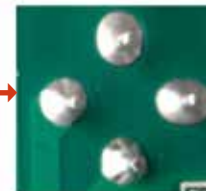
The red line represents a voltage drop-down, while the blue line indicates that the current jumps up to three times the rated current (surge current) for less than 1.2 seconds. If it lasts longer than 1.2 seconds, then the power supply will go into auto recovery mode.



Skynet's process involves cutting and clinching the leads of insert components before soldering. After clinching, the components are securely fixed to the PCB and will not fall off. All cutting points are fully covered by solder in a single soldering process, ensuring no possibility of cold solder joints caused by oxidation permanently. This is the workmanship standard that Skynet employs.



Without the cutting and clinching process, components with long legs must be soldered twice. First, the leg is soldered, then cut to a shorter length. After cutting, a second soldering process is required to cover the exposed copper at the cut face, preventing oxidation and corrosion that could lead to a cold solder joint years later. In some cases, a third cut must be done manually. If the operator forgets to perform the soldering step, the risk of cold soldering remains.



How Skynet names the Model number

Skynet names its model numbers based on the wattage at convection cooling. For example, in model SNP-V169, the "16" represents a 160W rated load at 50°C under convection cooling. We do not use the wattage at forced-air cooling in the model number due to the poor reliability of fans before.



SNP-V169
 160W : free air
 250W : with fan
 300W : for 3 seconds
 Input : Class I
 EMI : Class B
 Size : 2" by 4"

XXX-200APB
 140W : free air
 200W : with fan
 Peak : N/A
 Input : Class I
 EMI : Class B
 Size : 2" by 4"

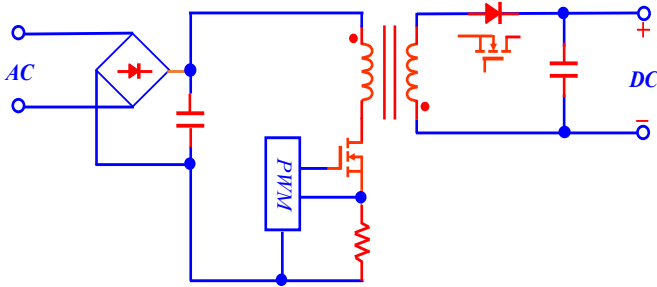
XXX250M
 155W : free air
 250W : with fan
 Peak : N/A
 Input : Class I
 EMI : Class B
 Size : 2" by 4"

XXX-200
 140W : free air
 200W : with fan
 300W : N/A
 Input : Class I
 EMI : Class B
 Size : 2" by 4"

XXX250-M
 155W : free air
 250W : with fan
 Peak : N/A
 Input : Class I
 EMI : N/A
 Size : 2" by 4"

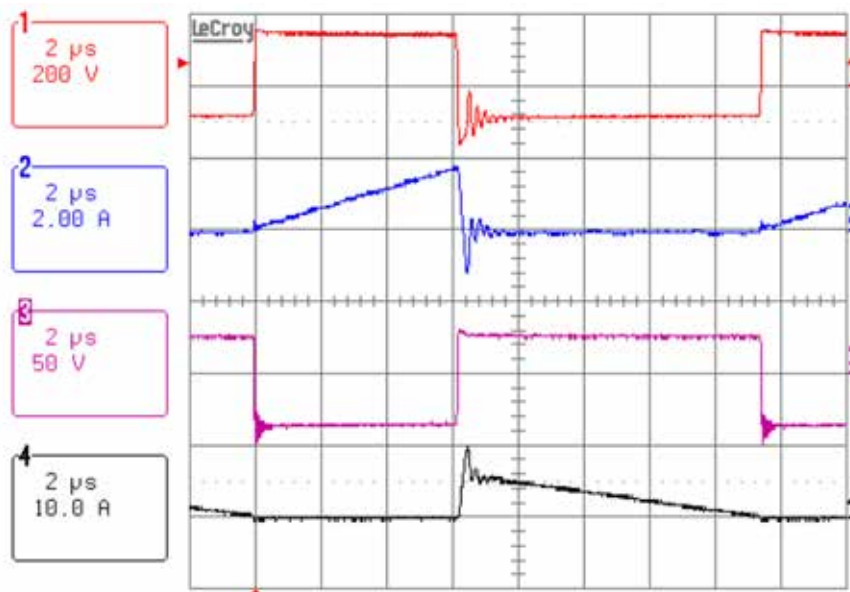
Model	Topology Description	Notes
SNP-9	Fixed 35kHz frequency flyback hard switching.	EOL
SNP-HF	Flyback hard switching. Fixed 65kHz at heavy load and reduce to 20kHz after middle load.	Active
SNP-Z	Fixed 60kHz asymmetrical ZVS flyback.	Active
SNP-X	Same as SNP-Z (size smaller).	Active
SNP-V	Same as SNP-Z (size much smaller).	Active
SNP-B	SNP-Z with enclosure.	Active
SNP-Y	Fixed 60kHz asymmetrical boost flyback.	Active
SNP-S	Same as SNP-Y down sizing and higher efficiency.	Active
SNP-C	SNP-Y with enclosure.	Active
SNP-M	SNP-V plus 3 DC to DC daughter board.	Active
SNP-G	Use LLC resonant switching controller.	Active
SNP-P	Same as SNP-G plus 5V standby.	Active
SNP-G6	Use full bridge LLC resonant controller.	Active
SNP-P6	Same as SNP-G6 plus 5V standby.	Active
SNP-F5	Use MPU to perform as full bridge phase shift controller.	Active
SNP-F8	Same as SNP-F5.	Active
SNP-F1K	Same as SNP-F5 but in primary side use 4 MOS to replace bridge diode.	Active
SNP-E	With enclosure plus fan to reach max. output power for each family.	Active
SNP-A	Adapter (can be any topology).	Active

Topology



The HF family uses flyback topology. Its operation involves drawing energy from the DC source through the primary winding and then transferring that energy to the secondary-side capacitor via the secondary winding. Reducing leakage inductance and parasitic capacitance on the primary side are key design challenges.

Operation



Specific Characteristics

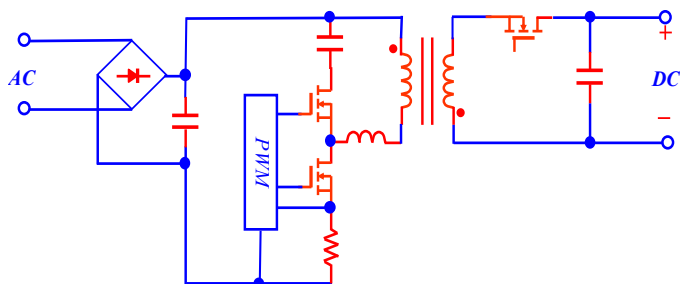
- The PWM operating frequency **gradually decreases** from mid-load to light-load conditions to maintain **overall efficiency**.
- **Sandwich winding** is used to minimize leakage inductances, reducing associated losses.
- **Synchronous rectification** is applied to lower losses in **low-voltage, high-current** models.



EMI EN55011 "B", EN61000-3-3
Harmonics..... EN61000-3-2, class A
EMS..... EN61000-4-2, -3, -4, -5, -6, -8, -11
Safety meet IEC/EN/UL 62368-1 3rd Ed.
IEC/EN 62368-1 2nd Ed.
IEC/EN/UL 60601-1

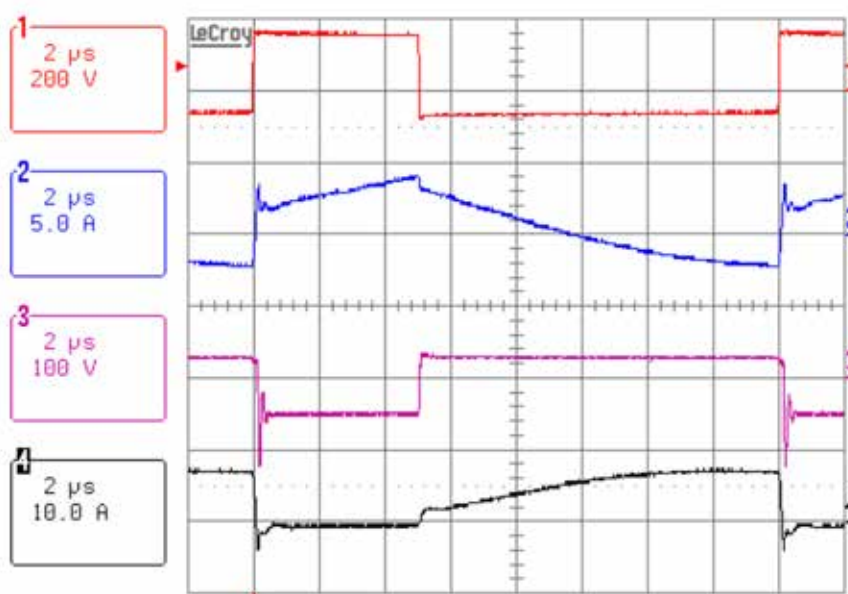
Rated Power	Model No.	Output Voltage	Load (A)			Size WxLxH
			Rated	Max.	Peak	
30W	SNP-HF37, HF37-A	+12V	2.50	3.33	3.75	1.57"x2.76"x0.93"
	SNP-HF38, HF38-A	+15V	2.00	2.67	3.00	
	SNP-HF39, HF39-A	+24V	1.25	1.67	1.88	
	SNP-HF3T, HF3T-A	+48V	0.63	0.83	0.94	
60W	SNP-HF67, HF67-A, HF67-H	+12V	5.00	6.67	7.50	2"x3.17"x0.95"
	SNP-HF68, HF68-A, HF68-H	+15V	4.00	5.33	6.00	
	SNP-HF69, HF69-A, HF69-H	+24V	2.50	3.33	3.75	
	SNP-HF6T, HF6T-A, HF6T-H	+48V	1.25	1.67	1.88	
80W	SNP-HF87, HF87-A, HF87-H	+12V	6.66	7.50	9.00	2"x4"x1.18"
	SNP-HF88, HF88-A, HF88-H	+15V	5.33	6.66	8.00	
	SNP-HF89, HF89-A, HF89-H	+24V	3.33	4.60	5.30	
	SNP-HF8T, HF8T-A, HF8T-H	+48V	1.67	2.10	2.71	
100W	SNP-HFA7, HFA7-A, HFA7-H	+12V	8.50	10.00	12.50	2"x4"x1.32"
	SNP-HFA8, HFA8-A, HFA8-H	+15V	6.66	7.00	9.40	2"x4"x1.34"
	SNP-HFA9, HFA9-A, HFA9-H	+24V	4.17	5.42	6.25	2"x4"x1.18"
	SNP-HFAT, HFAT-A, HFAT-H	+48V	2.10	2.70	2.92	

Topology



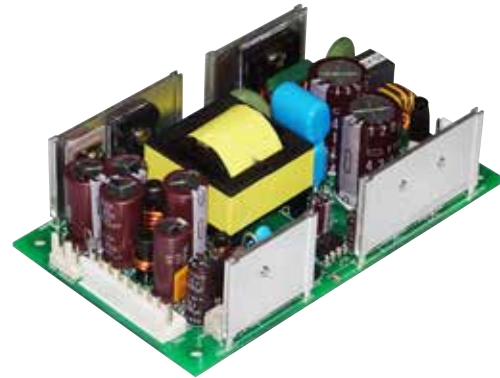
The S family uses an asymmetrical ZVS boost flyback topology. Its advantage is that leakage energy is stored and released to the secondary side while also enabling zero-voltage switching for both primary-side power MOSFETs. As a result, efficiency increases and EMI performance improves, making it well-suited for medical home healthcare equipment.

Operation



Specific Characteristics

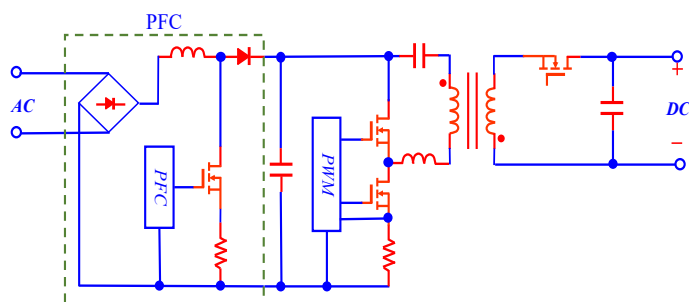
- Since PFC regulation **is not mandatory** for medical applications, this topology **naturally becomes** a low-cost solution.
- Leakage inductance energy **can be recycled** through active clamp circuitry.
- This design is well-suited for creating multiple outputs due to **low cross-regulation** for auxiliary outputs.



EMI EN55011 "B", EN55032 "B",EN61000-3-3
Harmonics..... EN61000-3-2, class A
EMS..... EN61000-4-2,-3,-4,-5,-6,-8,-11
Safety meet IEC/EN/UL 62368-1, 2nd Ed.
IEC/EN/UL 60950-1, 2nd Ed.
IEC/EN/UL 60601-1

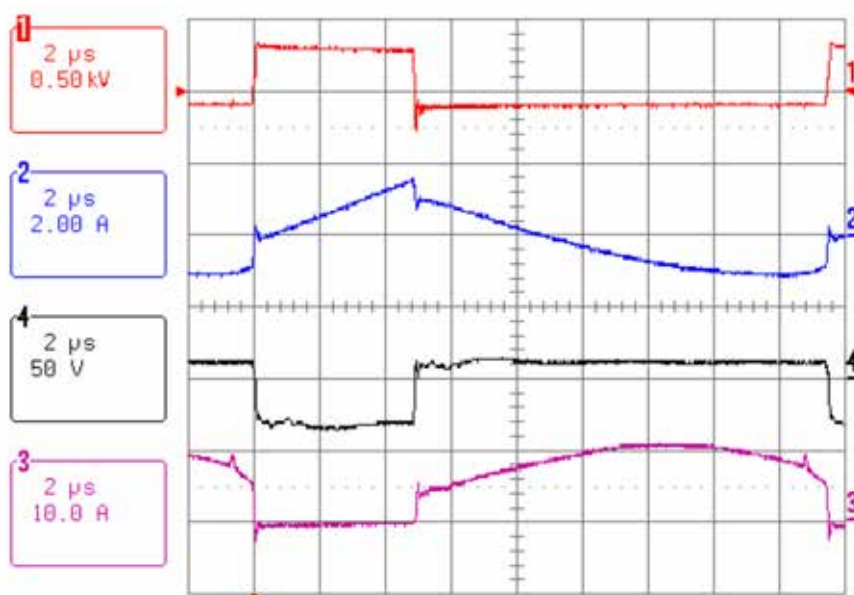
Rated Power	Model No.	Output Voltage	Load (A)		Size WxLxH
			Rated	Peak	
60W	SNP-S066	+5V	12.00	18.00	2.39"x4"x1.406" /1.418"(-H)
	SNP-S061, S061-H (Class I) (Class II)	+5V	4.00	6.40	
		+12V	3.00	5.00	
		-12V	0.30		
	SNP-S063, S063-H (Class I) (Class II)	+5V	4.00	6.40	
		+12V	3.30	5.33	
		-12V	0.30	0.30	
150W	SNP-S15F-M (Class I)	+5V	5.00	5.00	3"x5"x1.42"
	SNP-S15F-MH (Class II)	+24V	4.00	6.00	
		+12V	2.00	2.00	
		-12V	0.30	0.30	

Topology



The V family uses an asymmetrical ZVS flyback topology. A larger series capacitor is placed between the DC source and the primary winding. This capacitor stores one-third of the energy, allowing the transformer to be two-thirds smaller. Its operation is similar to the S family. However, since it cannot handle a wide input DC voltage range, PFC circuitry must be used. The advantage is that it can support up to 300W.

Operation



Specific Characteristics

- The PFC section is essential for universal input applications.
- The output voltage offers a **wide range of adjustable capability**.
- With forced air cooling, the output power **can reach 250W within a compact 2"x4" form factor**.
- This topology is well-suited for generating multiple outputs, benefiting from **low cross-regulation in auxiliary outputs**.

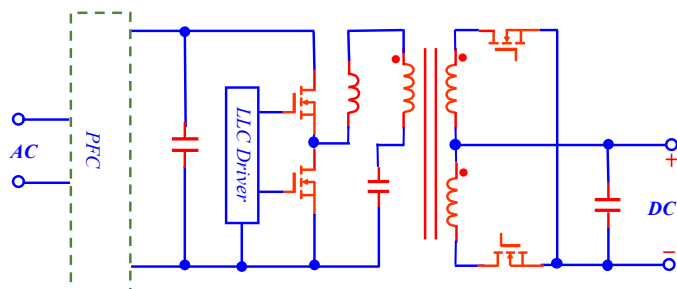


EMI EN55022 "B", EN61000-3-3
Harmonics..... EN61000-3-2, class A & D
EMS.....EN61000-4-2,-3,-4,-5,-6,-8,-11
Safety meet IEC/EN/UL 60950-1, 2nd Ed.
IEC/EN/UL 60601-1

Output Specifications

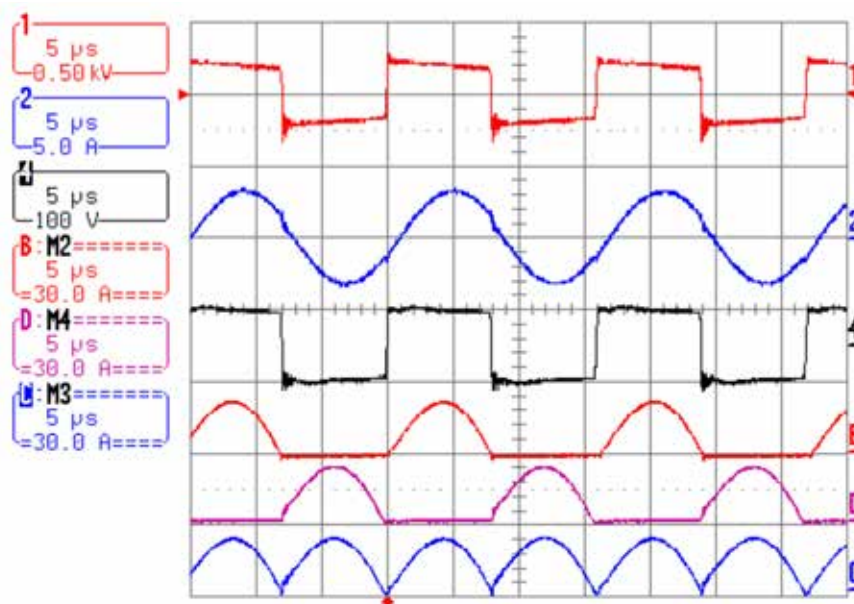
Rated Power	Model No.	Output Voltage	Load (A)			Size WxLxH
			Rated	Max.	Peak	
120W	SNP-V127	+12V	10.00	15.00	20.00	2.39"x4"x1.26"
	SNP-V129	+24V	5.00	7.50	10.00	
150W	SNP-V155	+18V	8.33	12.50	16.66	3"x5"x1.26"
	SNP-V157	+12V	12.50	18.75	25.00	
	SNP-V159	+24V	6.25	9.375	12.50	
160W	SNP-V16T	+48V	3.33	5.20	6.25	2"x4"x1.50"
200W	SNP-V207, V207-C, V207-U	+12V	16.60	25.00	30.00	3"x5"x1.36"
	SNP-V209, V209-C, V209-U	+24V	8.30	12.50	15.00	
300W	SNP-V307, V307-C, V307-U	+12V	25.00	33.30	40.00	4"x6"x1.38"
	SNP-V309, V309-C, V309-U	+24V	12.50	16.70	20.00	

Topology



The G and P families use LLC resonant switching topology. The circuitry adjusts the operating frequency to maintain LC resonance. A resonant sinusoidal current flows through the primary winding, transfers to the secondary side, and is regulated by the capacitor. Unlike flyback topology, where the transformer stores energy, here it only facilitates energy transfer. This allows the transformer to be much smaller, utilize larger-diameter coils, and operate with higher efficiency. The P series builds upon G by incorporating a 5V standby output.

Operation



Specific Characteristics

- Since LLC topology requires a highly precise input voltage, the output voltage of the PFC must be carefully coordinated.
- The adjustable range of the output voltage is very narrow, making it difficult for customers to make significant adjustments themselves.
- The P family can be fully shut off via an external TTL signal.
- The 5V standby output supplies **0.25W** to the customer's system while keeping total power loss under **0.5W**.



EMI EN55011/EN55022 "B", EN61000-3-2,-3
Harmonics EN61000-3-2, class A & D
EMS..... EN61000-4-2,-3,-4,-5,-6,-8,-11
Safety meet IEC/EN/UL 60950-1, 2nd Ed.
IEC/EN 62368-1, 2nd Ed.
IEC/EN/UL 60601-1

Output Specifications

Rated Power	Model No.	Output Voltage	Load (A)			Size WxLxH
			Rated	Max.	Peak	
120W	SNP-G127-A, G127-MA, G127-H	+12V	10.00	12.50	16.60	2"x4.2"x1.28"
	SNP-G128-A, G128-MA	+15V	8.00	10.00	13.40	
	SNP-G125-A, G125-MA	+18V	6.60	8.30	11.10	
	SNP-G129-A, G129-MA, G129-H	+24V	5.00	6.30	8.30	
	SNP-G12G-A, G12G-MA	+28V	4.30	5.40	7.20	
	SNP-G12J-A, G12J-MA	+36V	3.40	4.20	5.60	
	SNP-G12T-A, G12T-MA, G12T-H	+48V	2.50	3.10	4.20	
160W	SNP-G167-A, G167-MA	+12V	13.30	20.00	26.60	3"x5"x1.44"
	SNP-G168-A, G168-MA	+15V	10.66	16.60	21.30	
	SNP-G165-A, G165-MA	+18V	8.88	13.33	17.80	
	SNP-G169-A, G169-MA	+24V	6.66	10.00	13.30	
	SNP-G16G-A, G16G-MA	+28V	5.70	8.55	11.40	
	SNP-G16J-A, G16J-MA	+36V	4.45	6.66	8.90	
	SNP-G16T-A, G16T-MA	+48V	3.35	5.00	6.67	







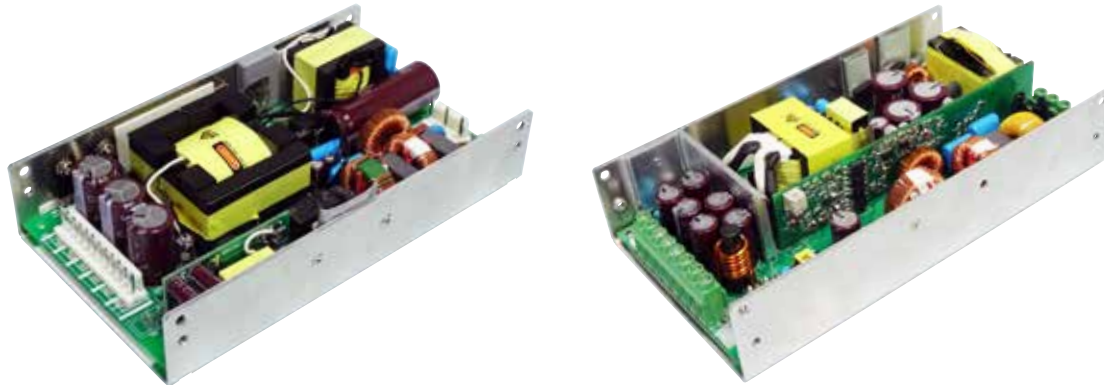
General Specifications

Input voltage 90 VAC to 264 VAC
 Input frequency 47 Hz to 63 Hz
 Standby power < 0.2W at no load
 (remote off status) < 0.5W at 5Vsb/40mA output
 Inrush current < 30/60A at 115/230VAC
 Hold up time 18~20ms
 Over load/Short circuit protection auto recovery
 Over voltage protection latch off
 Operating temperature -30°C to 70°C
 derating: 2.5% / °C > 50°C
 Storage temperature -40°C to +85°C

EMI EN55022 "B", EN61000-3-3
 Harmonics..... EN61000-3-2, class A & D
 EMS..... EN61000-4-2,-3,-4,-5,-6,-8,-11
 Safety meet IEC/EN 62368-1, 2nd Ed.
 IEC/EN/UL 60950-1, 2nd Ed.
 IEC/EN 60601-1, 3.1 Ed.

Output Specifications

Rated Power	Model No.	Output Voltage	Load (A)				Size WxLxH
			Rated	Max.	Peak	Surge	
154W	SNP-P157-S	+12V +5Vsb	12.00 2.00		18.00		3"x5"x1.07"
	SNP-P158-S	+15V +5Vsb	9.60 2.00		14.40		
	SNP-P155-S	+18V +5Vsb	8.00 2.00		12.00		
	SNP-P159-S	+24V +5Vsb	6.00 2.00		9.00		
	SNP-P15G-S	+28V +5Vsb	5.10 2.00		7.70		
	SNP-P15J-S	+36V +5Vsb	4.00 2.00		6.00		
	SNP-P15T-S	+48V +5Vsb	3.00 2.00		4.50		
200W	SNP-P207-S	+12V +5Vsb	16.66 1.00	25.00	33.30	49.80	3"x5"x1.57"
	SNP-P209-S	+24V +5Vsb	8.33 1.00	12.25	16.66	24.90	



General Specifications

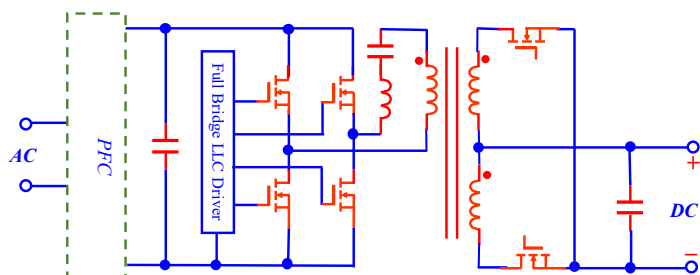
Input voltage 90 VAC to 264 VAC
 Input frequency 47 Hz to 63 Hz
 Standby power < 0.2W at no load
 (remote off status) < 0.5W at 5Vsb/40mA output
 Inrush current < 30/60A at 115/230VAC
 Hold up time 18~20ms
 Over load/Short circuit protection auto recovery
 Over voltage protection latch off
 Operating temperature -30°C to 70°C
 derating: 2.5% / °C > 50°C
 Storage temperature -40°C to +85°C

EMI EN55022 "B", EN61000-3-3
 Harmonics..... EN61000-3-2, class A & D
 EMS..... EN61000-4-2,-3,-4,-5,-6,-8,-11
 Safety meet IEC/EN 62368-1, 2nd Ed.
 IEC/EN/UL 60950-1, 2nd Ed.
 IEC/EN 60601-1, 3.1 Ed.

Output Specifications

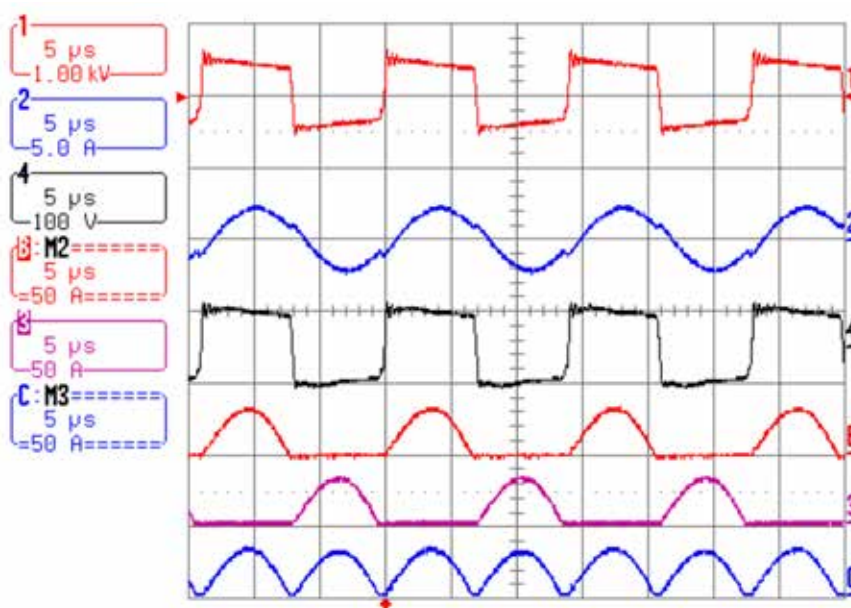
Rated Power	Model No.	Output Voltage	Load (A)				Size WxLxH
			Rated	Max.	Peak	Surge	
300W	SNP-P307-S	+12V +5Vsb	25.00 1.00	35.00 1.50	50.00	75.00	3.7"x6.6"x1.46"
	SNP-P309-S	+24V +5Vsb	12.50 1.00	17.50 1.50	25.00	37.50	
	SNP-P309	+24V	12.50	17.50	25.00	37.50	
	SNP-P30H-S	+60V +5Vsb	5.00 1.00	7.00 1.50	10.00	15.00	
	SNP-P30H	+60V	5.00	7.00	10.00	15.00	
400W	SNP-P407-S	+12V +5Vsb	33.30 1.00	46.67 1.50	66.60	100.00	4"x7"x1.65"
	SNP-P409-S	+24V +5Vsb	16.67 1.00	23.33 1.50	33.30	50.00	

Topology



The G6 and P6 families use full-bridge resonant topology, operating on the same principles as half-bridge LLC topology. In a half-bridge configuration, the voltage reflected to the primary winding is $1/2 V_{in}$, requiring a turns ratio of $N = 1/2(V_{in}/V_o)$. In a full-bridge setup, the turns ratio is calculated as $N = V_{in}/V_o$. The G6 series provides a 600W output, while the P6 series builds upon G6 by incorporating a 5V standby output.

Operation



Specific Characteristics

- Since LLC topology requires a highly precise input voltage, the output voltage of the PFC must be carefully coordinated.
- The adjustable range of the output voltage is very narrow, making it difficult for customers to make significant adjustments themselves.
- The P family can be fully shut off via an external TTL signal.
- The 5V standby output supplies **0.25W** to the customer's system while keeping total power loss under **0.5W**.



General Specifications

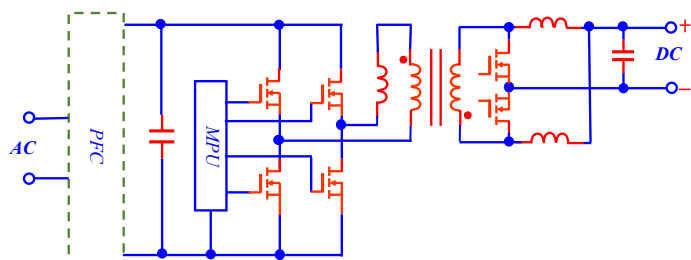
Input voltage	90 VAC to 264 VAC
Input frequency	47 Hz to 63 Hz
Inrush current	< 30/60A at 115/230VAC
Hold up time	18~20ms typical
Over load/Short circuit protection	auto recovery
Over voltage protection	latch off
Operating temperature	-20°C to 70°C
	derating: 2.5% / °C > 50°C
Storage temperature	-40°C to +85°C

EMI EN55011/EN55022 "B", EN61000-3-2,-3
Harmonics EN61000-3-2, class A & D
EMS..... EN61000-4-2,-3,-4,-5,-6,-8,-11
Safety meet IEC/EN/UL 60950-1, 2nd Ed.
IEC/EN 62368-1, 2nd Ed.
IEC/EN/UL 60601-1

Output Specifications

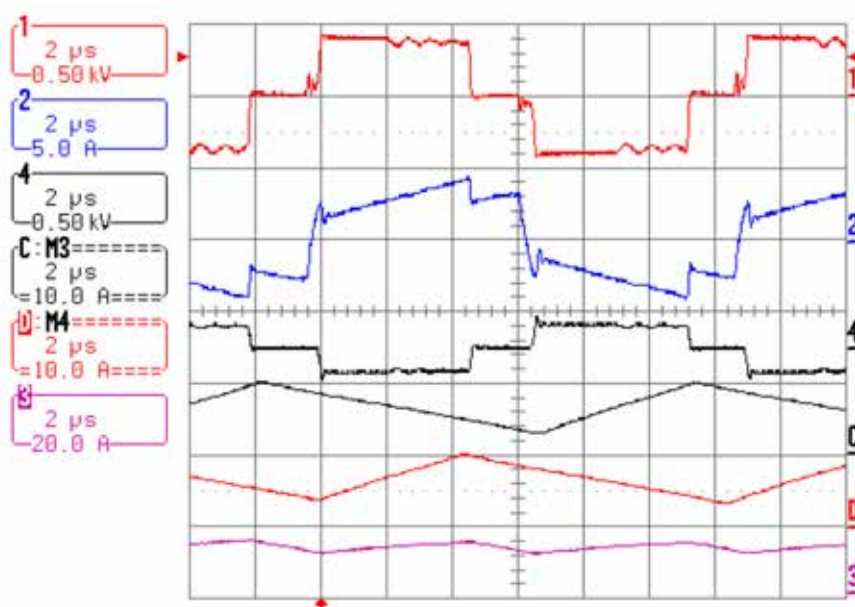
Rated Power	Model No.	Output Voltage	Load (A)				Size WxLxH
			Rated	Max.	Peak	Surge	
600W	SNP-G607, G607-M	+12V	50.00	62.50	80.00	120.05	5"x8.15"x1.66"
	SNP-G609, G609-M	+24V	25.00	31.25	40.00	75.00	
600W	SNP-P607-S	+12V	50.00	62.50	80.00	120.00	5"x7.09"x1.66"
	SNP-P609-S	+24V	25.00	31.25	40.00	75.00	
	SNP-P60T-S	+48V +5Vsb	12.50 1.00	15.70 1.50	20.00	37.50	

Topology



The F family uses phase-shift full-bridge ZVS topology. The primary side consists of four power MOSFETs driven by four phase-shift signals generated by a single pulse-width modulator. A series inductor with the primary winding aids in ZVS operation. The transformer transfers DC voltage from the primary winding to the secondary winding, charging the power inductor on the secondary side. A current doubler topology is used on the secondary side, where one inductor is charged while the other discharges. This topology supports up to 1000W.

Operation

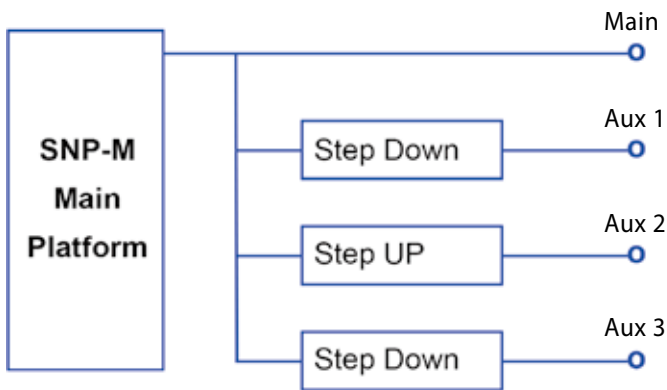


Specific Characteristics

- For high-wattage applications, the full-bridge phase-shift topology combined with a current doubler is an ideal match.
- All power MOSFETs operate in soft-switching mode.
- The 12V output is designated for the fan, with adjustable speed control.
- A remote sense input compensates for **voltage** loss in wiring.



Topology



The topology of the SNP-M main platform is the same as that of the V family, allowing the main output to be adjusted more widely according to customer requests. Three DC-to-DC daughter boards can be chosen as auxiliary outputs.

Daughter Boards for Aux.



12V/8A



5V/4.5A



5V/9A



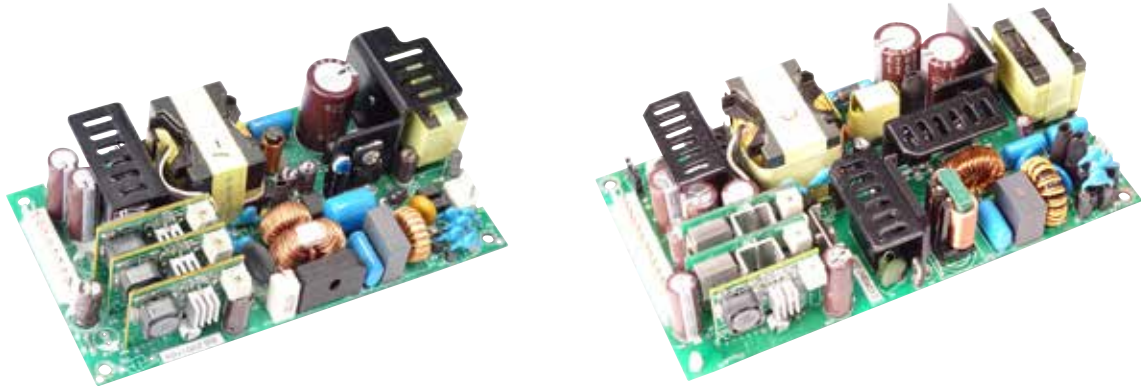
-12V/2.5A



12V/4A



-12V/1.25A



General Specifications

Input voltage 90 VAC to 264 VAC
 Input frequency 47 Hz to 63 Hz
 Inrush current < 30/60A at 115/230VAC
 Hold up time 18ms typical
 Over load/Short circuit protection auto recovery
 Over voltage protection latch off
 Operating temperature -30°C to 70°C
 derating: 2.5% / °C > 50°C for each output

EMI EN55032 "B", EN55011 "B"
 Harmonics EN61000-3-2, class A & class D
 Flicker EN61000-3-3
 EMS..... EN55024, EN60601-1-2:4th edition
 Safety meet IEC/EN/UL 62368-1, 2nd Ed.
 IEC/EN/UL 60601-1

Output Specifications

Rated Power	Model No.	Output Voltage	Load (A)			Size WxLxH
			Rated	Max.	Peak	
150W	SNP-M159-1, M159-1U, M159-1C	+24V +5V +12V -12V	3.20 4.50 4.00 1.25	5.00 5.00 4.50 1.66	9.00	3.15"x5.9"x1.4"
	SNP-M159-2, M159-2U, M159-2C	+24V +5V +36V -12V	3.50 4.50 1.30 0.60	5.40 5.00 1.70 1.00	9.00	
	SNP-M159-3, M159-3U, M159-3C	+24V +12V +36V -12V	3.50 4.00 1.30 0.60	5.40 4.50 1.70 1.00	9.00	
	SNP-M159-4, M159-4U, M159-4C	+24V +5V +48V -12V	3.50 4.50 1.00 0.60	5.40 5.00 1.30 1.00	9.00	
	SNP-M159-5, M159-5U, M159-5C	+24V +12V +48V -12V	3.50 4.00 1.00 0.60	5.40 4.50 1.30 1.00	9.00	
300W	SNP-M309-1	+24V +5V +12V -12V	7.00 9.00* 8.00 2.50	10.00 10.00 9.00 3.30	25.00	4"x6"x1.49"

* Total combined power on +5V and +12V rail is 100W maximum.

SNP-E is a family with forced air

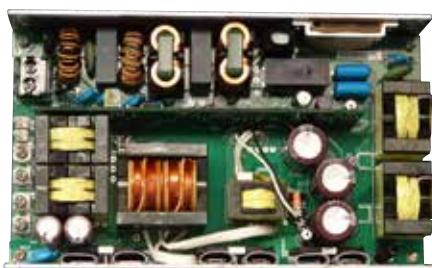
Our products have always featured a long life time. However, due to the rapid advancement in industrial technology, a long life time for power supplies is not always necessary in some cases. Therefore, we have added a fan and an enclosure to increase the output power, providing a cost-effective solution. This product line will be called the SNP-E family.



SNP-V16T (160W), Size: 2"x4"x1.50"



SNP-E25T (250W)



SNP-F50T (500W), Size: 4.5"x7.5"x1.7"



SNP-E75T (750W)



SNP-F80T (800W), Size: 4.5"x9.65"x1.9"



SNP-EK1T (1100W)



SNP-V16 Series

General Specifications

Input voltage	90 VAC to 264 VAC
Input frequency	47 Hz to 63 Hz
Inrush current	< 30/60A at 115/230VAC
Hold up time	>16ms
Over load/Short circuit protection	auto recovery
Over voltage protection	latch off
Operating temperature	-30°C to 70°C
	derating: 2.5% / °C > 50°C
Storage temperature	-40°C to +85°C

EMI EN55022 "B", EN61000-3-3
Harmonics..... EN61000-3-2, class A & D
EMS..... EN61000-4-2, -3, -4, -5, -6, -8, -11
Safety meet IEC/EN/UL 60950-1, 2nd Ed.
IEC/EN/UL 60601-1

Output Specifications

Rated Power	Model No.	Output Voltage	Load (A)				Size WxLxH
			Rated	Max.	Peak	Surge	
250W	SNP-E25T	+48V	5.20		6.25		2.4"x4.5"x2.13"



SNP-G20 Series



General Specifications

Input voltage 85 VAC to 264 VAC
 Input frequency 47 Hz to 63 Hz
 Inrush current < 40at 115VAC
 (cold start at 25°C) or < 80A at 230VAC
 Hold up time > 16 ms
 Over load/Short circuit protection auto recovery
 Over voltage protection latch off
 Operating temperature -20°C to 40°C
 Derating 2.5%/°C, > 40°C
 Storage temperature -20°C to +85°C

DC OK indicator green LED
 EMI FCC class "B"
 CISPR22 level "B"
 Harmonics EN61000-3-2 class A & D
 EMS EN61000-4-2, -3, -4, -5,-6,-8-11
 Safety meet IEC/EN 62368-1, 2nd Ed.
 IEC/EN/UL 60950-1, 2nd Ed.
 IEC/EN/UL 60601-1

Output Specifications

Rated Power	Model No.	Output Voltage	Load (A)			Size WxLxH
			Rated	Max.	Peak	
300W	SNP-E307, E307-M	+12V	16.50	25.00	33.00	3.3"x5"x2.13"
	SNP-E308, E308-M	+15V	12.00	18.00	22.50	
	SNP-E305, E305-M	+18V	11.10	16.60	22.30	
	SNP-E309, E309-M	+24V	8.40	12.50	16.70	
	SNP-E30G, E30G-M	+28V	7.20	10.70	13.00	
	SNP-E30J, E30J-M	+36V	5.60	8.30	11.00	
	SNP-E30T, E30T-MA	+48V	4.20	6.30	8.40	





SNP-F80 Series



General Specifications

Input voltage	90 VAC to 264 VAC	EMI	EN55011/EN55022 "B", FCC "B"
Input frequency	47 Hz to 63 Hz	Harmonics.....	EN61000-3-2, class A & D
Inrush current	< 30/60A at 115/230VAC	EMS.....	EN61000-4-2,-3,-4,-5,-6,-8,-11
Hold up time	12ms typical	Safety	meet IEC/EN/UL 60950-1, 2 nd Ed.
Over load/Short circuit protection	latch off		
Over voltage protection	latch off		
Operating temperature	-20°C to 70°C		
	derating: 2.5% / °C > 50°C		
Storage temperature	-40°C to +85°C		

Output Specifications

Rated Power	Model No.	Output Voltage	Load (A)				Size WxLxH
			Rated	Max.	Peak	Surge	
1100W	SNP-EK19	+24V	45.80		50.00		4.5"x10.5"x1.66"
	SNP-EK1T	+48V	22.90		25.00		



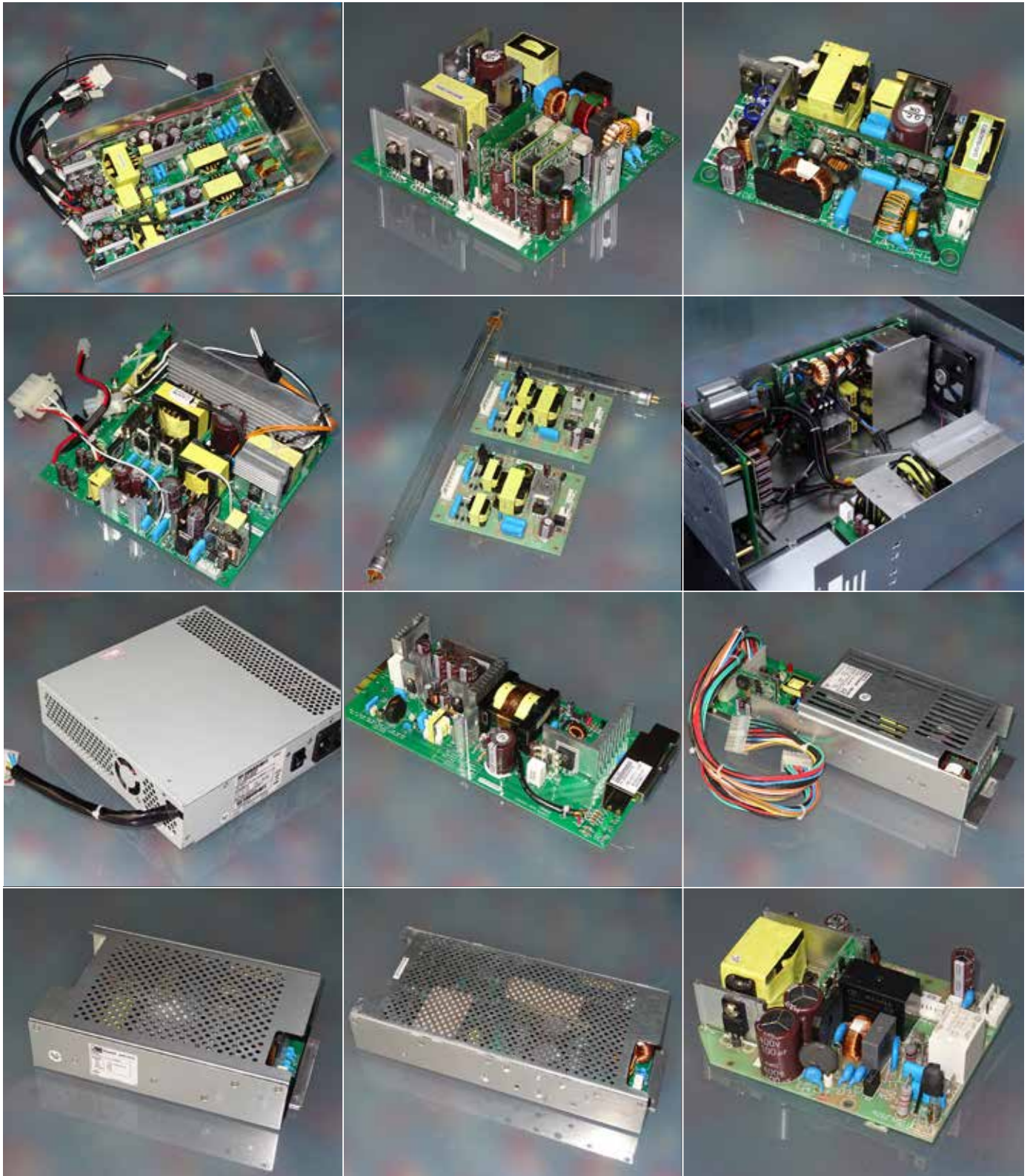
EMIFCC class "B", CISPR22 level "B"
Harmonics..... EN61000-3-2, class A & D
EMS.....EN61000-4-2,-3,-4,-5,-6,-8,-11
Safety meet IEC/EN/UL 60950-1, 2nd Ed.
IEC/EN/UL 60601-1

Rated Power	Model No.	Output Voltage	Load (A)			Size (WxLxH) mm
			Rated	Max.	Peak	
40W	SNP-A047-Y	+12V	3.70		5.60	54x110x33.6
	SNP-A049-Y	+24V	1.90		2.90	
	SNP-A04T-Y	+48V	1.00		1.50	
60W	SNP-A067-Y	+12V	4.20		5.00	58x120x42
	SNP-A069-Y	+24V	2.50		3.00	
	SNP-A06T-Y	+48V	1.25		1.50	
80W	SNP-A087-Y	+12V	6.00		9.00	65x135x40
	SNP-A089-Y	+24V	3.30		5.00	
	SNP-A08T-Y	+48V	1.75		2.50	
100W	SNP-A107-Y	+12V	8.30		12.50	72x145x42
	SNP-A109-Y	+24V	4.16		6.25	
	SNP-A10T-Y	+48V	2.10		3.12	
120W	SNP-A127-Y	+12V	10.00		15.00	78x167x47
	SNP-A129-Y	+24V	5.00		7.50	
	SNP-A12T-Y	+48V	2.50		3.75	
150W	SNP-A159-G	+24V	6.25		9.375	95x180x55
	SNP-A15T-G	+48V	3.125		4.68	
250W	SNP-A259-G	+24V	10.42		15.62	95x210x55
	SNP-A25T-G	+48V	5.21		7.81	
350W	SNP-A359-G	+24V	14.58		21.87	95x250x55
	SNP-A35T-G	+48V	7.29		10.94	

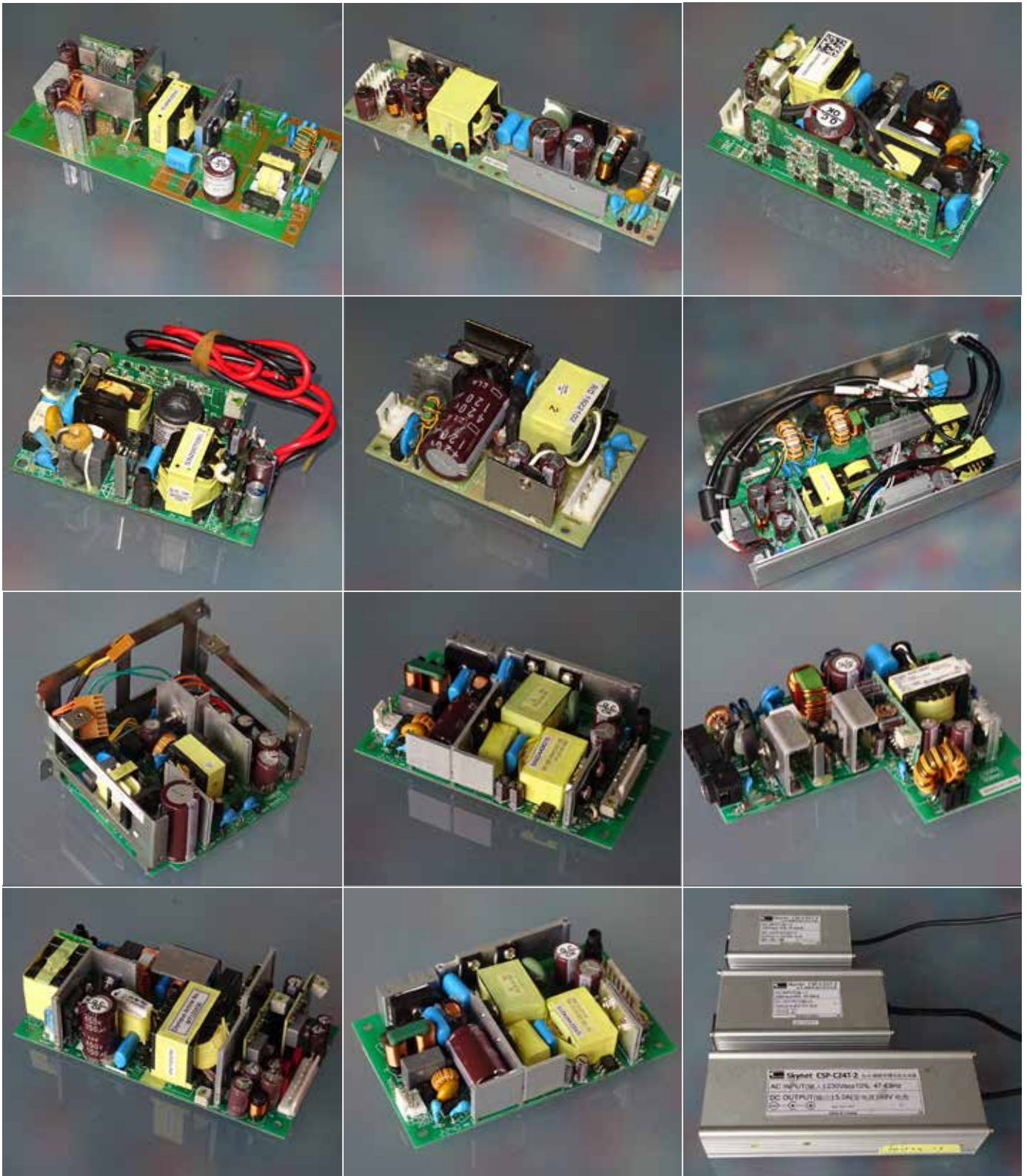
Skynet gladly welcomes modified standard or custom designs.



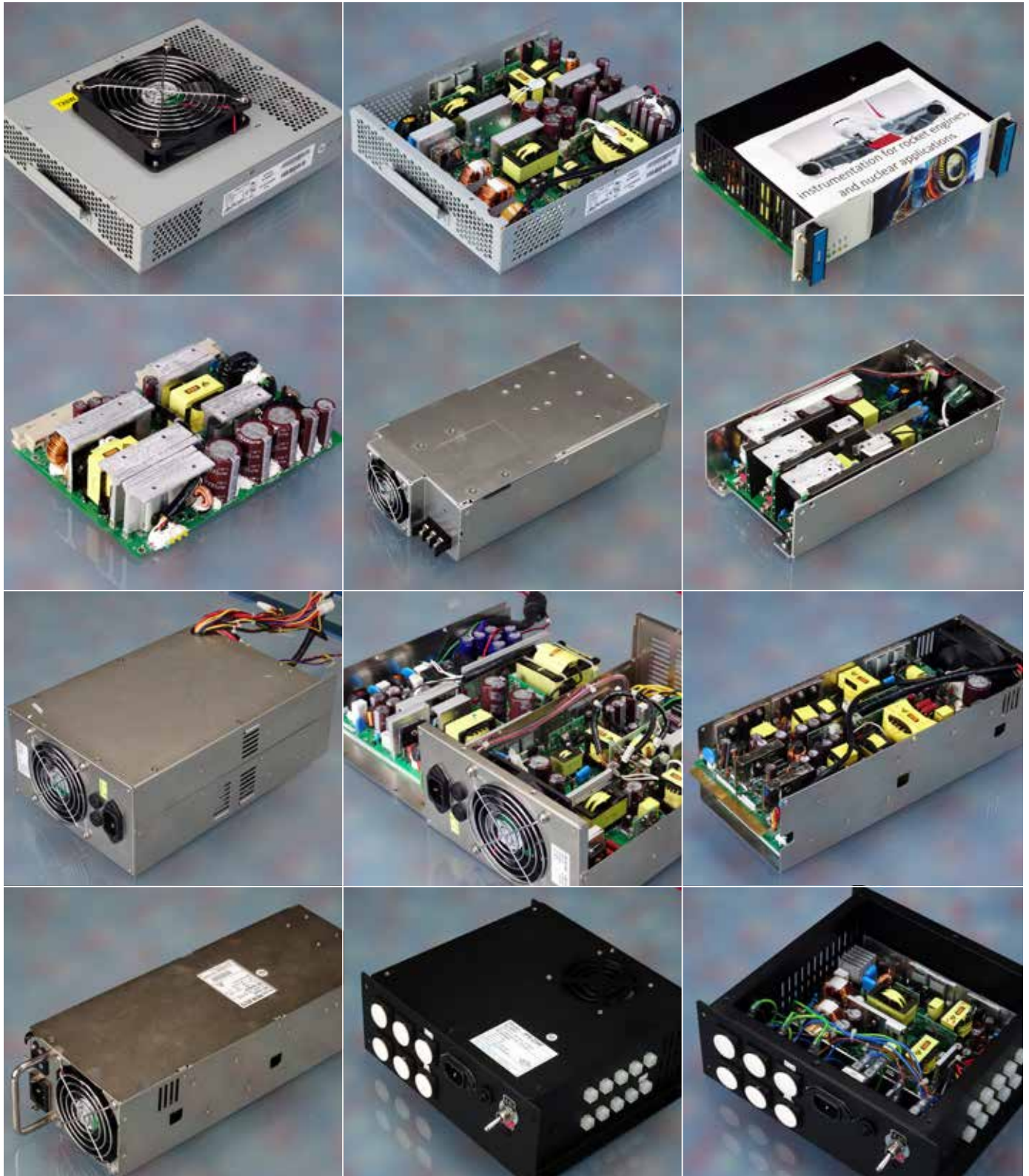
Skynet gladly welcomes modified standard or custom designs.



Skynet gladly welcomes modified standard or custom designs.



Skynet gladly welcomes modified standard or custom designs.



Skynet gladly welcomes modified standard or custom designs.





BUREAU
VERITAS

Bureau Veritas Certification



SKYNET ELECTRONIC CO., LTD.

4TH FL., NO. 76, CHEN-KONG ROAD, SEC. 1, NAN KAN DISTRICT, TAIPEI, TAIWAN, R.O.C.

This is a multi-site certificate, additional site(s) are listed on the next page(s)

Bureau Veritas Certification Holding SAS - UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 9001:2015

Scope of certification

DESIGN, DEVELOPMENT, MANUFACTURE AND SUPPLY OF SWITCHING POWER SUPPLIES
AND ELECTRONIC BALLAST.

Original cycle start date:	23-07-2002
Expiry date of previous cycle:	23-09-2023
Certification / Recertification Audit date:	11-08-2023
Certification / Recertification cycle start date:	15-09-2023
Subject to the continued satisfactory operation of the organisation's Management System, this certificate expires on:	23-09-2026

Certificate No.: TW006830

Version: 1

Issue date: 15-09-2023



0008

Signed on behalf of BVCH SAS UK Branch

Certification Body Address: 5th Floor, 66 Prescot Street, London, E1 8HG, United Kingdom

Local Office Address: 3F-B, No. 16, Nanjing E. Rd., Sec. 4, Songshan Dist., Taipei 105, Taiwan

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: +886 2 2570 7655

UKAS Certificate Template Multi Site Rev.3.10

1/2

22 Mar 2023



QUALITY MANAGEMENT SYSTEM CERTIFICATE

Registration No. 0350220Q30461R0M

This is to certify that the quality management system of
Hangzhou Lin'an Skynet Lighting Technology Co., Ltd

Qingyun Village, Tai huyuan Town, Linan District, Hangzhou City, Zhejiang Province

Social Credit Code: 913301005660559833

is in conformity with
GB/T 19001-2016 / ISO 9001:2015 Standard

This certificate is valid to the following product(s)

Production and sales of Power Adapters within the range of CCC; production and sales
of Switching Power Supply, Electronic Transformers, Inductors, Stabilizers (Site Covered:
Qingyun Village, Taihuyuan Town, Lin'an District, Hangzhou City, Zhejiang Province).

Date of issue: October 19, 2020
Date of expiry at most: October 18, 2023
Date of renewal: November 02, 2022

Representative: *Wang Honglin*

XINGYUAN CERTIFICATION
CENTRE CO., LTD. (XQCC)

FOR CERTIFICATE
(7FL, Tower C, Jishun Plaza, No. 9
Shangdi 3 St., Haidian, Beijing)



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C035-M

NOTE: This certificate shall be maintained by regular surveillance audit.
The validity of the certificate can be verified by scanning QR code.
The information of the certificate can be available in <http://www.cnca.gov.cn>,
the website of CNCA, and in our website <http://www.xqcc.com.cn>.





Simpex Electronic Ltd. is performing a supplier evaluation every year. Since the company reached 100%,

Skynet Electronic Co. Ltd.
Nan Kan District, ROC- Taipei

it attained the status **A-supplier 2024.**

On behalf of the management and of the whole staff of Simpex Electronic Ltd., we congratulate you on this good result.

We are looking forward to our further mutually beneficial cooperation.

Simpex Electronic AG

A handwritten signature in blue ink, appearing to read "J Wäspi".

Jill Wäspi
CEO

Qualified Customized Project Agents

California, USA Amtek Electronic Co.

Tel: 1.714.617.5158
Fax: 1.714.617.5087
kao@skynetla.com
Attn: kao F. Hsu

U.K. Fidus Power Ltd.

Tel: 44.1183.420.730
Fax: 44.7575.508.408
markg@fiduspower.com
www.fiduspower.com
Attn: Mark Gibbons

Italy XONOX s.r.l.

Tel: 39.02.2217.5920
Fax: 39.02.2217.5923
andrea.cereda@xonox.it
Attn: Andrea Cereda

Singapore Seamax Engineering PTE LTD

Tel: 65.6547.1828
Fax: 65.6547.1829
sales@seamax.com.sg
Attn: Eddie Lim

California, USA eUrasia Power LLC

Tel: 1.805.383.1234
Fax: 1.805.435.1689
Sales@EurasiaPower.com
www.eUrasiaPower.com
Attn: Dan Erb

Belgium Telerex nv

Tel: 31(0).76.578.2000
Fax: 31(0).76.571.1477
info@telerex-europe.com
www.telerex-europe.com
Attn: Ruud Rijkers

Switzerland Simpex Electronic AG

Tel: 41.44.931.1010
ronny.zimmermann@simpex.ch
www.simpex.ch
Attn: Ronny Zimmermann

Japan Comtecs Co., Ltd.

Tel: 81.3.5759.5111
Fax: 81.3.5759.5115
mako@comtecs.co.jp
www.comtecs.co.jp
Attn: M. Miyaishi

Texas, USA Sager Electronics

Tel: 1.866.588.1750
customerservice@sager.com
www.sager.com

Belgium Acal BFi Belgium

Tel: 32(0)2.720.5983
Fax: 32(0)2.725.1014
sales-be@acalbfi.be
www.acalbfi.be
Attn: Guy Melon

Netherlands Telerex Nederland BV

Tel: 31(0).76.578.2000
Fax: 31(0).76.571.1477
info@telerex-europe.com
Attn: Christian De Greef

Israel Horizon Electronics Ltd.

Tel: 972.3.923.0091
Fax: 972.3.924.7379
dana.k@horizon-pss.com
www.horizon.co.il
Attn: Dana Kama

Wisconsin, USA Tri-Mag, LLC

Tel: 1.800.657.0853
1.414.649.4200
Fax: 1.414.649.4279
sales@tri-mag.com
www.tri-mag.com
Attn: Sales Dept.

Denmark Power Technic ApS

Tel: 45.70.208.210
hf@powertechnik.dk
www.powertechnik.dk
Attn: Henrik Forsberg

Netherlands Acal BFi Netherlands BV

Tel: 31.40.2507.400
Fax: 31.40.2507.409
sales-nl@acalbfi.nl
www.acalbfi.nl
Attn: Pieter-Jan Rovers

Korea Do & Be International Corp.

Tel: 82.31.477.6807~8
Fax: 82.31.477.6809
dglee@donbe.biz
Attn: Donggun Lee

New Jersey, USA LEDDCO

Tel: 1.732.671.4050
Fax: 1.732.671.1972
johnny.shih@leddco.com
www.leddco.com
Attn: Johnny Shih

Norway ACTE AS

Member if Lagercrantz Group AB
Tel: 47.63.89.89.00
Fax: 47.63.87.90.00
info@acte.no
www.acte.no

Poland Gamma Sp. ZO.O.

Tel: 48.32.272.8125
info@gamma.pl
Attn: Michal Stelmach

India Oppila Microsystems Pvt. Ltd.

Tel: 918.0420.49826
Fax: 918.0420.49826
info@oppila.in
www.oppila.in
Attn: P. Edin Aravinthan

New York, USA KEPCO, INC. – Power Supplies

Tel: 1.718.461.7000
Fax: 1.718.767.1102
hq@kepcopower.com
www.kepcopower.com
Attn: Sales Department

Germany Elektrosil GmbH

Tel: 49.40.840001.0
Fax: 49.40.840001.65
info@elektrosil.com
www.elektrosil.com

Finland Cool Power Solutions Oy

Tel: 358.400.800.712
tiina@cps.fi
www.cps.fi
Attn: Tiina Suominen

China Hangzhou Linan Skynet Electronic Co., Ltd.

Tel: 86.571.6113.0908
sales@skynetpower.com.cn
Attn: Jim H. Liang

France SICO

Tel: 33(6).71.57.75.75
sophie.tchen@sicoenergie.com
www.sicoenergie.com
Attn: Sophie Tchen

Germany Guenter Dienstleistungen GmbH

Tel: 49.7082.491 35 0
Fax: 49.7082.49135 22
purchase@guenter-psu.de
www.guenter-psu.de
Attn: Carmelo Avarello

Sweden OEM Electronics AB

Tel: 46.75.242.45.00
robin.johansson@oemelectronics.se
www.oemelectronics.se
Attn: Robin Johansson

Shanghai, Beijing, Shenzhen, Guangzhou

上海永樂電子公司
Shanghai Winsunpower
Electronic Co., Ltd.
Tel: 86.755.8885.0277
Fax: 86.755.8885.0278
sales@winsunpower.com
Attn: Benson Chong

France CATS S. A. S.

Tel: 33.1.69.07.08.24
Fax: 33.1.69.07.17.23
communication@cats-france.fr
www.cats-france.fr
Attn: Alexandra Gandini

Germany Fortec Power GmbH

Tel: 49.6158.8285-142
Fax: 49.6158.8285-155
volker.graebner@fortec-power.de
www.fortec-power.de
Attn: Volker Graebner

Australia Dewar Electronics Pty. Ltd.

Tel: 61.3.9725.3333
Fax: 61.3.9725.6003
sales@dewar.com.au
Attn: Delia Jones

Standard Product Distributors

North America Amtek Electronic Co.

Tel: 1.714.617.5158
Fax: 1.714.617.5087
kao@skynetla.com
Attn: kao F. Hsu

Germany Elektrosil GmbH

Tel: 49.40.840001.0
Fax: 49.40.840001.65
info@elektrosil.com
www.elektrosil.com

Finland Cool Power Solutions Oy

Tel: 358.400.800.712
tiina@cps.fi
www.cps.fi
Attn: Tiina Suominen

Korea Do & Be International Corp.

Tel: 82.31.477.6807~8
Fax: 82.31.477.6809
dglee@donbe.biz
Attn: Donggun Lee

North America Sager Electronics

Tel: 1.866.588.1750
customerservice@sager.com
www.sager.com

Germany Guenter Dienstleistungen GmbH

Tel: 49.7082.491 35 0
Fax: 49.7082.49135 22
purchase@guenter-psu.de
www.guenter-psu.de
Attn: Carmelo Avarello

Brazil Makcel Engenharia

Tel: 55.19.98913.8889
edward@makcel.com
www.makcel.com
Attn: Edward Maktura

China Hangzhou Linan Skynet Electronic Co., Ltd.

Tel: 86.571.6113.0908
sales@skynetpower.com.cn
Attn: Jim H. Liang

North and South America Tri-Mag, LLC

Tel: 1.800.657.0853
1.414.649.4200
Fax: 1.414.649.4279
sales@tri-mag.com
www.tri-mag.com
Attn: Sales Dept.

Germany Fortec Power GmbH

Tel: 49.6158.8285-142
Fax: 49.6158.8285-155
volker.graebner@fortec-power.de
www.fortec-power.de
Attn: Volker Graebner

Australia Dewar Electronics Pty. Ltd.

Tel: 61.3.9725.3333
Fax: 61.3.9725.6003
sales@dewar.com.au
Attn: Delia Jones

Shanghai, Beijing, Shenzhen, Guangzhou

上海永樂電子公司
Shanghai Winsunpower
Electronic Co., Ltd.
Tel: 86.755.8885.0277
Fax: 86.755.8885.0278
sales@winsunpower.com
Attn: Benson Chong

U.K. Fidus Power Ltd.

Tel: 44.1183.420.730
Fax: 44.7575.508.408
markg@fiduspower.com
www.fiduspower.com
Attn: Mark Gibbons

Switzerland Simpex Electronic AG

Tel: 41.44.931.1010
ronny.zimmermann@simpex.ch
www.simpex.ch
Attn: Ronny Zimmermann

Japan Comtecs Co., Ltd.

Tel: 81.3.5759.5111
Fax: 81.3.5759.5115
mako@comtecs.co.jp
www.comtecs.co.jp
Attn: M. Miyaishi

Belgium Telerex nv

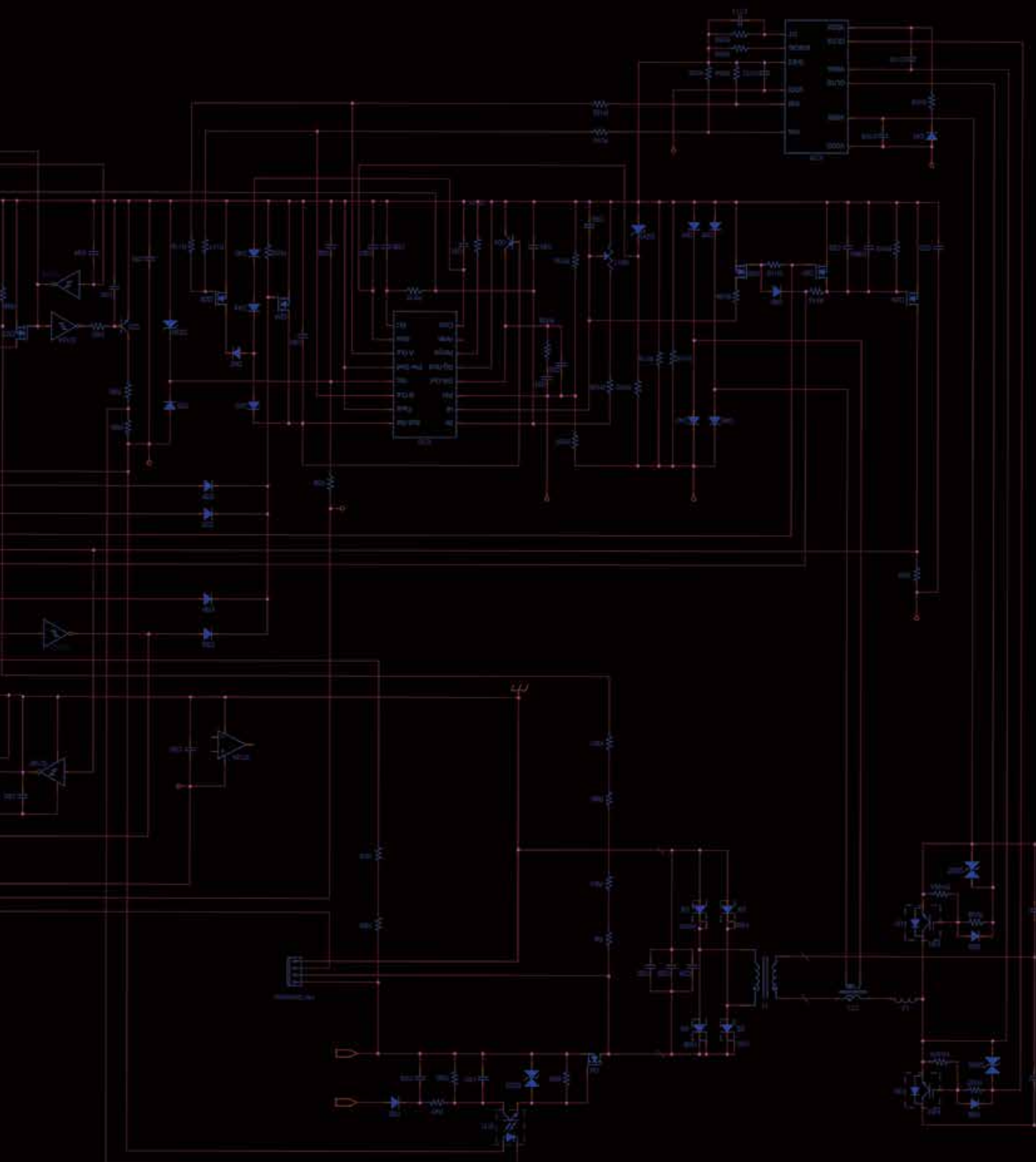
Tel: 31(0).76.578.2000
Fax: 31(0).76.571.1477
info@telerex-europe.com
www.telerex-europe.com
Attn: Ruud Rijkers

Netherlands Telerex Nederland BV

Tel: 31(0).76.578.2000
Fax: 31(0).76.571.1477
info@telerex-europe.com
Attn: Christian De Greef

Israel Novo Comp

Cell: 972.503.250.525
novo.rfq@gmail.com
Attn: Smadar Elul



SKYNET ELECTRONIC CO., LTD.

4F No.76 Chen-Kong Rd. Sec.1 Nan-Kan Dist. Taipei TAIWAN

886-2-27882403~7 Fax: 886-2-27882059~60

sales@skynetpower.com.tw www.skynetpower.com.tw