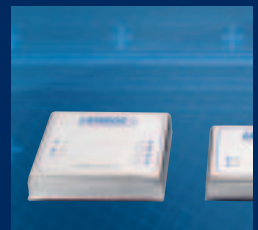
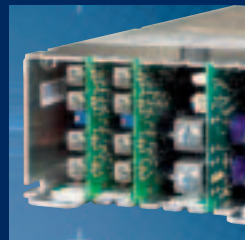
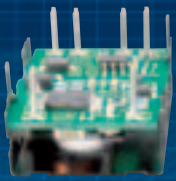
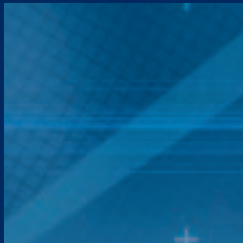


Power supplies and DC/DC converters



Power+. Theory equals reality.





Power alone is not enough which is why Lambda offers Power+

Power+ is our promise to deliver the lowest cost of ownership in the market through a combination of technical innovation driven by our customers needs, a wide range of power solutions, global application and logistics support, and also reliability in our products and everything we do.

Lambda Power+ turning the theory of lowest cost of ownership into reality.



Modular power supplies

Our NV Power, VEGA Lite, VEGA, Alpha and Sirius modular product ranges are ideal for a variety of applications, and are rated from 175 W to 1500 W, with up to 16 different outputs.

NV Power **NEW**

NV Power is based around a configurable planar transformer, and employs Multiple Efficiency Gain (MEG) technology to achieve its class leading efficiency for multiple output PSUs.

The Lambda approach is essentially a unique use of synchronous rectifiers in a resonant topology.

The NV-350 and the NV-175 and both boast class leading power densities: 6.6 W/in³ for the sub 400 W modular and 9.36 W/in³ for the multi-output sub 200 W supplies.

series NEW	NV Power 350W	NV Power 175W
power	350W	175W
number of outputs	1 – 6	1 – 5
output voltage	3.3 – 32 V	1 – 48 V
input voltage	90 – 264 VAC	90 – 264 VAC
format	closed case	open frame optional case
warranty	3 years	3 years



NV-FEP **NEW**

This model is specially designed for distributed power architectures. It provides a 12 V/29 A (350 W) main output with a additional 12 V auxiliary supply. The unit has a class leading efficiency of 91%.

Compared with the NV-350 standard unit, the FEP has only a depth of 236 mm (46 mm shorter).

series NEW	NV-FEP
power	350W
number of outputs	2
output voltage	12 V
input voltage	90 – 264 VAC
format	closed case
warranty	3 years

VEGA lite

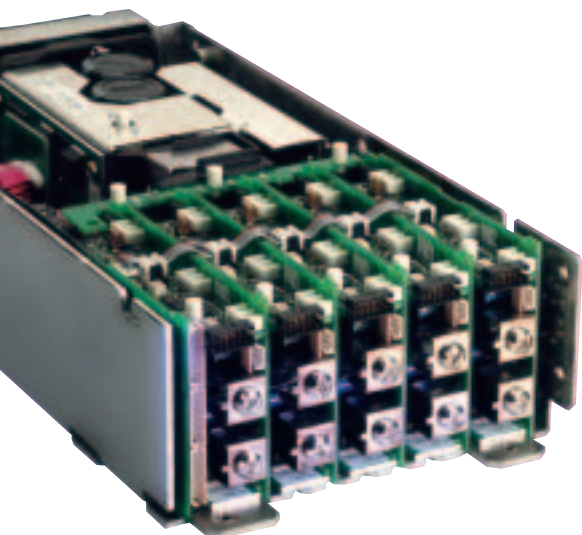
NEW

VEGA Lite is the furious improvement of the existing VEGA range. The output power increased to 500 watts and 700 watts (up to 900 watts at highline-input) within the same case.

VEGA Lite offers up to 11 outputs in a range between 1.8 V and 56 V with industry leading power density.

Worldwide safety approvals and CB-reports for industrial and medical Safety standards enables this power supply to be used in a brought range of industrial and medical applications.

series	NEW	VEGA lite
power		550, 750 W
power at highline input		700, 900 W
number of outputs		1 – 11
output voltage		1.8 – 56 V
input voltage		wide range 85 – 265 VAC
input voltage highline		170 – 265 VAC
format		closed case
warranty		3 years





VEGA

The most diversified modular power supply manufactured by Lambda. Offering a wide range of modules, combined with innovative technology provides new applications to the user.

Providing output ratings of 450 W, 650 W and 900 W and a full range of output voltages between 1.8 V and 62 V the VEGA series' compact design makes it simpler for customers to install in their applications.

New wide range modules and programmable options fitted with an integrated microcontroller provide further applications in testing and laboratory environment.

Vega is available certified to UL2601/IEC60601 with reinforced insulation, so it can be used also for medical applications.



Alpha

Alpha is a real "powerpack", with our 1500 W model offering up to 16 different outputs, with voltage ranging from 1.8 V to 48 V. The 400 W, 600 W, 1000 W and 1500 W power ranges available cover a wide range of applications. Fast-On terminals ensure quick installation of Alpha into customers' applications.

series	VEGA	Alpha
power	450, 650, 900 W	400, 600, 1000, 1500 W
number of outputs	1 – 10	1 – 16
output voltage	1.8 – 62 V	2 – 48 V
input voltage	wide range 85 – 265 VAC; 36 – 75 VDC	wide range 85 – 265 VAC
format	closed case	closed case
warranty	3 years	3 years

Sirius

The most compact of our modular products, with up to 6 configurable outputs and featuring ratings of up to 350 W, this universal product can be customized with 5 different case and cooling options. Reduced leakage filters are also available for medical applications.

series	Sirius
power	250, 350 W
number of outputs	1 – 6
output voltage	1.8 – 30 V
input voltage	wide range 85 – 265 VAC
format	5 case and cooling options
warranty	3 year



Embedded power supplies

ATX standard power supply with industrial reliability for factory automation.

UNA Series

Embedded style of power supply designed for computers. UPS (uninterruptible power system) function will secure your system with reliability.

Design meets FA applications.

Conforms to ATX12V Ver. 1.3 Spec.



output channel	V1	V2	V3	V4	V5 (VSB)
nominal output voltage	+ 3.3 V	+ 5 V	+ 12 V	- 12 V	+ 5 V
minimum load	0 A	0.5 A	0 A	0 A	0 A
rating output current	16 A	25 A	15 A	0.5 A	2 A
total output power	150, 284, 300 W	150, 284, 300 W	284, 300 W	300 W	300 W
peak current	28 A	30 A	19.5 A	0.8 A	2.5 A
peak output power	195, 328, 350 W	195, 328, 350 W	328, 350 W	350 W	350 W
input voltage range	85 ~ 265 VAC (47 ~ 63 Hz)				
battery voltage	DC 20 ~ 24 V				
back up time	over 3 min @ 200 W, over 1 min @ 300 W				
output signal	PWR_OK, FAN-ALM (2plus/r), AC-Fail, Batt Low				
input signal	PS_ON, Shut Down				
dimensions (W x H x D)	150 x 86 x 155 mm (power supply) / 146 x 38 x 190 mm (battery unit)				





Power supplies for industrial applications

Power supplies, designed for high reliability and long product life. main Applications: industrial, telecoms, automation and test.

HWS series

NEW

Designed to comply with ROHS directive. 60% smaller in volume than former product because of high efficiency design. Seven models from 15 W to 1500 W with common high (fits for 2U applications) provide output voltages from 3.3 V to 48 V.

SWS series

NEW

An optimum solution in cost and quality. The SWS series provide now all all output voltages from 3,3 V to 24 V (up to 48 V for 300 W and 600 W unit) and offers a power range from 50 W up to 600 W with 6 models.

JWS-series

industrial power supply from 50 W up to 600 W with 5 year warranty. The units up to 150 W output power offers Molex connectors as an option in place of the screw terminals.

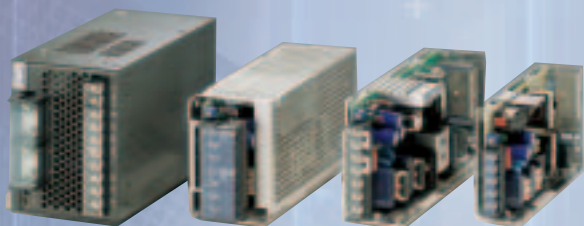
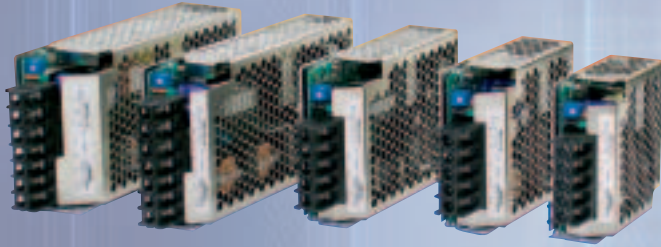
PV-option: optional interface to control the output voltage in a range between 20% and 120% of the nominal value available for JWS-300 and JWS-600.

JWS-P series

suitable for peak current demands. This unit provides double nominal output power for up to 10 sec. to enable startup of DC motors.

JWT series

provides three output voltages (5 V, ± 12 V and 5 V, ± 15 V) with 75 W and 100 W output power.



series	NEW HWS	NEW SWS	JWS	JWT
power	15 – 1500 W	50 – 600 W	50 – 600 W	75 – 100 W
number of outputs	1	1	1	3
output voltage setting range	3.3 – 48 V	3.3 – 24 V (50 – 150 W) 3.3 – 48 V (300 – 600 W)	2 – 48 V ± 20 %	5 \pm 12 V 5 \pm 15 V
input voltage	wide range 85 – 265 VAC	wide range 85 – 265 VAC	wide range 85 – 265 VAC	wide range 85 – 265 VAC
format	closed	closed	open or closed frame	open or closed frame
warranty	5 years	2 years	5 years	3 years

DIN rail products

Compact and robust, these products are designed for easy installation onto standard rails.

As these power supplies typically are mounted in switchboards, their dimensions have to complement to switchboard components like contactors and automatic circuit breakers.

DPP series **NEW**

The most compact DIN rail power supply with 15 W to 100W output power and various output voltages between 5V and 48V. The compact size enables this power supply to be used even in applications with very narrow space.

DLP series

The DLP range offers power supplies between 75 W and 240 W with 24V output in a metal case. Low cost, high reliability and lead free design. Main applications: factory automation, industrial control and test and measurement applications.

DLP-PU

Parallel operation backup unit for DLP series. DLP-PU will provide you with not only backup function but also capacity addition by being used with DLP series of power supplies in parallel operation. Capability 21 – 28 V at 20 A.

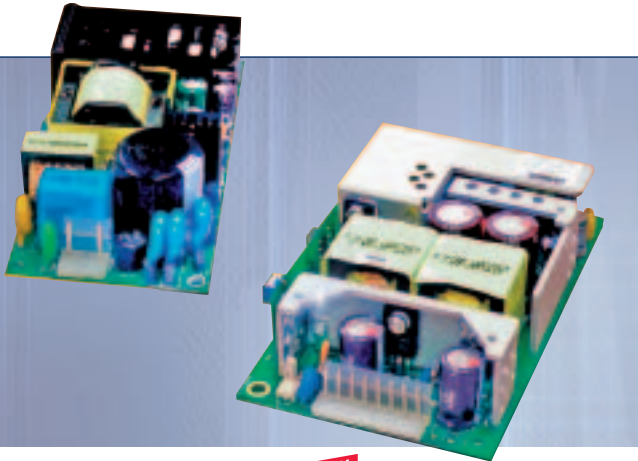
DHP series **NEW**

The new DHP range is the most powerful DIN rail supply from Lambda. With one-phase and three-phase input, these units offer 24V output between 240 W and 960 W.



series	NEW DPP	DLP	NEW DHP
Rating	15 – 100 W	75 – 240 W	480 – 960 W
Output voltage	5 – 48 VDC	22 – 28 VDC	22 – 28 VDC
Input voltage	1-phase 85 – 264 VAC	1-phase 85 – 264 VAC	1-phase 85 – 264 VAC 3-phase 340 – 575 VAC
warranty	2 years	3 years	3 years





OEM power supplies

ZP series

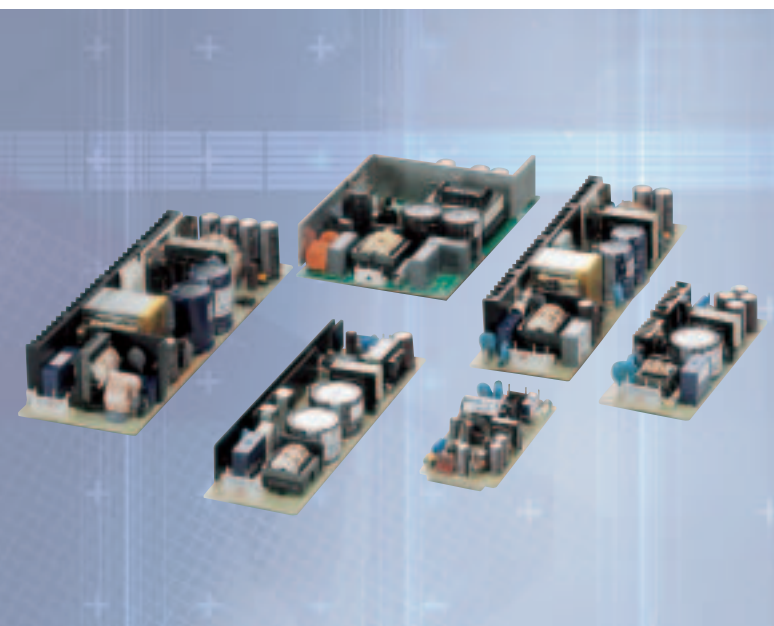
New generation of open frame power supplies. High efficiency design in very compact format.

Only 2" x 3.5" for 20 watt units and 2" x 4" for 40 watt and 60 watt units, 3" x 5" for 100 watt units.

In the 40 watt range there are also models with double and triple output available.

NEW

	NEW ZPS	NEW ZPD	NEW ZPT
series	ZPS	ZPD	ZPT
power	20 – 100 W	40 W	40 W
number of outputs	1	2	3
output voltage	3 – 48 V	5 V, 12 V 5 V, 24 V	5 V and 3.3 V main output 5 V, ± 12 V, ± 15 V, 24 V auxiliary outputs
input voltage	wide range 85 – 264 VAC	wide range 85 – 264 VAC	wide range 85 – 264 VAC
format	open frame	open frame	open frame
warranty	1 year	1 year	1 year



ZW series

NEW

Open frame power supplies rating from 5 W up to 240 W with 1 to 4 output voltages. PAF models provide peak output performance for up to 10 seconds for high current motor applications. Covers and mounting bracket options available.

ZWS

Single output 5 W up to 240 W with output voltages from 3.3 V to 48 V.

ZWD

Dual output models 5 V/24 V without minimum load. Double output power for 10 sec. for start-up of DC-motors.

ZWQ

Quad output models with optional L-angle ore case. 5 V main output with ± 12 V ore ± 15 V and additional auxiliary output.

SWT

Triple output models from 30 W to 100 W. 5V main output with ± 12 V ore ± 15 V.

	ZWS	NEW ZWD	ZWQ	SWT
series	ZWS	ZWD	ZWQ	SWT
power	5 – 240 W	75 – 225 W	80 – 130 W	30 – 100 W
number of outputs	1	2	4	3
output voltage setting range	3.3 – 48 V ± 10 %	5/12 V 5/24 V	5 ± 12 V and 3.3, 5, 12, 24 V	5, 12, 12 V 5, 15, 15 V
input voltage	wide range 85 – 265 VAC	wide range 85 – 265 VAC	wide range 85 – 265 VAC	wide range 85 – 265 VAC
format	open frame, cover optional	open frame, cover optional	open frame, with moun- ting bracket, with cover	open frame
warranty	1 year	1 year	1 year	1 year

AC/DC modules

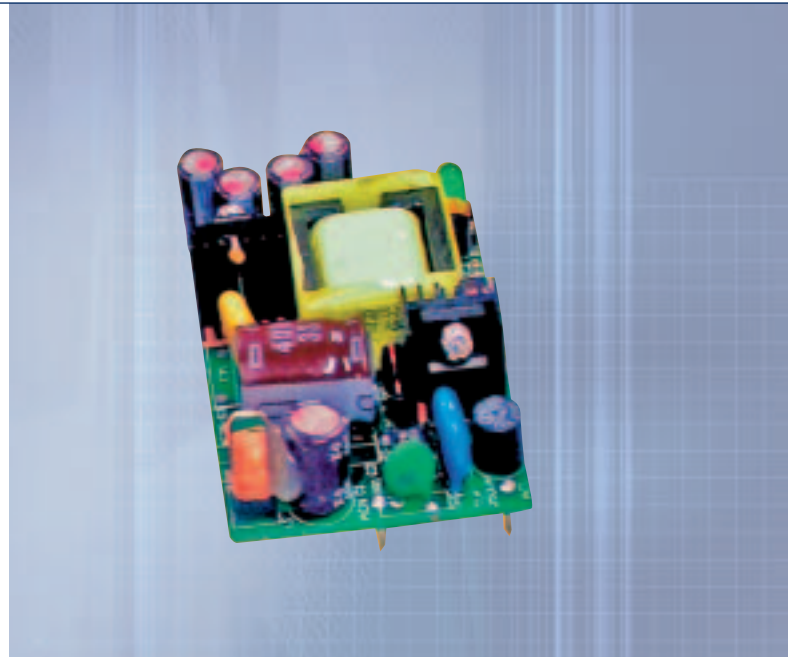
KPS series

The KPS series are PCB mounted power supplies with wide range input and output voltages from 5 V to 15 V.

Three different models with 5 W, 10 W and 15 W output power are available.

NEW

series	NEW KPS
rating	5 – 15 W
output voltage	3 – 24 V
input voltage	wide range 85 – 265 VAC
format	open frame with pinning
warranty	1 year



Line filter

Lambda offers a complete range of line filters to provide optimum attenuation of conducted noise. Further series with higher current capability and designs for 48 VDC are available on request.

MC12 / MZ12 series 1-phase

NEW

New standard, complies with RoHS directive led by lead free. Meets every aspect of industrial requirement for EMC solution. High cost performance, terminal connection type Noise Filter. Available with low leakage and DIN-Rail Option.

MC13 series 3-phase

NEW

Compact & clean. Small to mount on FA/Robot control panel. Environmentally friendly and lead free. Available for screw mounting and DIN-Rail mounting



series	NEW MC12	NEW MZ12	NEW MC13
Rated voltage	250 V	250 V	500 VAC 3-phase 50/60 Hz
Rated current	6 A – 30 A	6 A – 30 A	6 A – 30 A
Test voltage	Terminal-case: 2500 VAC (20 mA)	Terminal-case: 2500 VAC (20 mA)	Terminal-case: 2000 VAC (100 mA)
Leakage current Std.	1 mA max. at 250 VAC	1 mA max. at 250 VAC	5 mA max. at 500 VAC
Low leak type	10 μ A max. at 250 VAC	10 μ A max. at 250 VAC	
Dimensions (DIN-type)	97 (108) x 34.5 x 60 mm	97 (108) x 34.5 x 60 mm	145 (136) x 52 x 63 mm
Weight	300 g	300 g	600 g





Front-end power supplies

No.1 in the world in power density. AC/DC front-end power supply packaged in 1 U rack size. 1000 W max. with universal input.

FPS series

NEW

FPS series will contribute to space saving on rack mount requirement in telecommunication and data communication equipment. Low profile, 3000 W AC/DC front-end power supply in 1 U/19" rack (by driving 3 units).



NEW

Model	FPS-1000-48	FPS-1000-24
Nominal output voltage	48 V	24 V
Output voltage adj. Range	43 V ~ 58 V	21.5 V ~ 29 V
Nominal output current	21 A	40 A
Maximum output power	1008 W	960 W
Input voltage	85 – 265 VAC, 47 ~ 63 Hz, single phase	
Efficiency (typ)	85/88 % at 100/200 VAC, maximum output power, Ta = 25 °C	
Protection	Over current protection, Over voltage protection, Over temperature protection	
Front panel LED indicators	AC OK(green), DC OK(green), DC FAIL(red)	
Operating ambient temp.	0 ~ 50 °C (byx internal Fans. Variable speed control)	
Dimensions (W x H x D)	127 x 41 x 290 mm, refer to outline drawing	
Interface	I ² C Interface bus: optional model (/S)	
Front IEC inlet	Front IEC Inlet : optional model (/P) Standard: rear connector	



TL-, TX-, TH series

NEW

TL-series: up to 12.5 kW in 2 U Rack

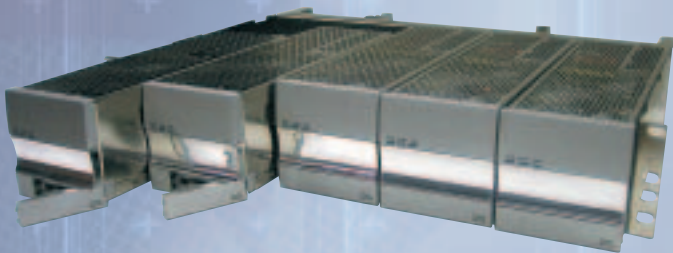
TX-series: up to 22.5 kW in 2 U Rack

TH-series: up to 8 kW in 1 U Rack

all models hot swappable

Suitable for n+1 redundancy

This table gives you only a short overview, for more details, please contact Technical Sales.



NEW

NEW

series	TL	TX	TH
High	2U	2U	1U
Units / Rack max.	5	3	4
Output voltages (nom.)	12 V, 24 V, 48 V	24 V, 48 V	12 V, 24 V, 48 V
Output current	10 A – 60 A	50 A – 150 A	25 A – 100 A
Load sharing	± 10%	± 5%	± 5%
Output power / unit	500 W – 2500 W	2.5 kW – 7.5 kW	1200 W – 2000 W
Input voltage	90 (180) – 264 VAC	180 – 264 VAC	90 (180) – 264 VAC

Laboratory supplies

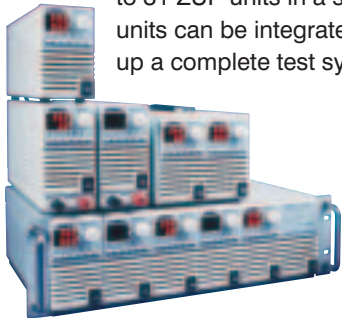
Programmable power supplies for test and laboratory. Control all functions of the power supply from a Windows PC. Software download on the Lambda homepage for free.

Genesys™ **NEW**

Rackmounted power of 1500 W, requires only 1 U. Fully equipped with RS232/485 interface, analogue programming and monitoring capability. Integrated GPIB interface optional. 750 W versions in half 19" rackmount dimensions (1/2 width) for building up dual units, requiring 1 U space in the 19" rack or to be stacked as tower model. All Genesys units can be integrated into racks without requiring additional interspace for cooling.

Zero Up

Programmable power supplies with integrated RS232/RS485 interface. Programming directly via test system. For GPIB system use the GP485 controller to control up to 31 ZUP units in a single GPIB address. Up to 6 single units can be integrated in a 3 U rack, building up a complete test system.



series	NEW GENH	GEN	ZUP
rated output power	750 W	750, 1500, 3300 W	200, 400, 800 W
output voltage	0 – 6 to 0 – 600 VDC	0 – 6 to 0 – 600 VDC	0 – 6 to 0 – 120 VDC
output current	1.3 – 100 A	1.3 – 400 A	1.8 – 132 A
programming	RS232/RS485 analogue 0 – 5 V or 0 – 10 V GPIB optional	RS232/RS485 analogue 0 – 5 V or 0 – 10 V GPIB optional	RS232/RS485 analogue 0 – 4 V external GPIB controller as accessory
Resolution for digital programming	0.002 % of $V_{out\ max}$	0.002 % of $V_{out\ max}$	0.028 % of $V_{out\ max}$
input voltage	wide range 85 – 265 VAC	wide range 85 – 265 VAC	wide range 85 – 265 VAC
format	1/2 19" 1 U	19" 1 U (750, 1500 W) 19" 2 U (3300 W)	3 U rack available for 19" integration
warranty	5 years	5 years	3 years

New generation Genesys power supplies with 3.3 kW in 2 U will be available soon. Please ask Technical Sales for current status.




NEW

2" DC/DC converters

DCDC converters with 2" industry standard footprints. Output performance up to 40 W. Wide input voltage ranges up to 4:1 input. Designed for telecom and general purpose industrial applications.

PXD series

2" x 1" DC/DC converters with 10 to 20 watt output power and single ore dual output.

PXE series

2" x 1.6" DC/DC converters with 20 ore 30 watt output power and single ore dual output.

PXF series

2" x 2" DC/DC converter with 40 watt output power and single, dual and triple output.

series	NEW PXD	NEW PXE	NEW PXF
power	10, 15, 20 W	20 and 30 W	40 W
number of outputs	1 and 2	1 and 2	1 and 2 and 3
output voltage	single dual triple	3, 5, 12, 15 V ± 5, ± 12, ± 15 V	3, 5, 12, 15 V ± 12, ± 15 V 3V, ± 12 and 5V, ± 15 V
input voltage	2:1 4:1	12, 24, 48 V 9 – 36 V, 18 – 75 V	12, 24, 48 V
format	2" x 1"	2" x 1.6"	2" x 2"
warranty	1 year	1 year	1 year

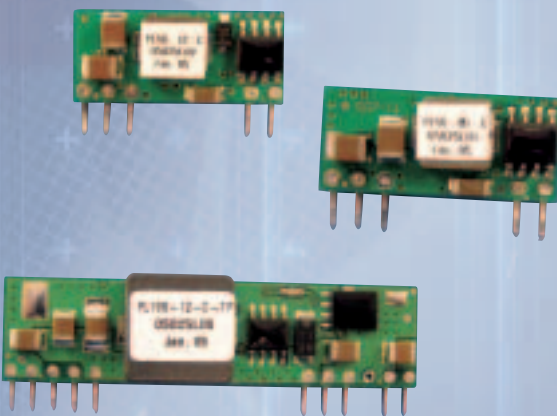
Point of load converter

Non-isolated DC/DC converters mounted on the load's PCB directly.

PL series

All Lambda PL-series are designed on the POLA-standard. Single Inline models and SMT types are available over the complete power range from 5 A up to 20 A.

Low logic voltages with load transients frequently require point of load supply voltage. The PL-series provide all logic voltages between 0.9 V and 3.3 V and is fed by a 5 V or 12 V bus. Moreover, by featuring sequencing and power segmentation for parallel connection, the converters perfectly suit for microcontroller and processor periphery.

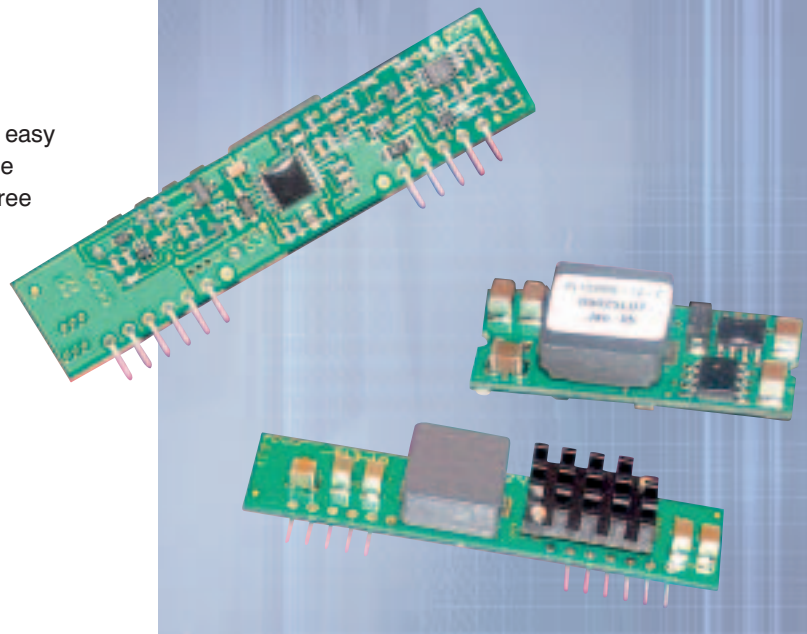


series	PL5S12	PL5S05	PL10S12	PL10S05
output current	5 A	5 A	10 A	10 A
output voltage	0.9 – 5 V	0.9 – 3.3 V	0.9 – 5 V	0.9 – 3.3 V
input voltage	5 – 13 V	3 - 5.5 V	3 - 5.5 V	5 – 13 V
format	SIP, SMT	SIP, SMT	SIP, SMT	SIP, SMT
warranty	2 years	2 years	2 years	2 years

PL converters up to 10 A. For models with higher current capability, see table on next page.

PL-series SMT **NEW**

All PL-converters now also available in SMT for easy handling in automatic assembly for high volume applications. RoHS compliant design for lead free soldering.



	NEW PL15S05	NEW PL16S12	NEW PL20SW12
output current	15 A	16 A	20 A
output voltage	0.9 – 3.3 V		
input voltage	3 – 5.5 V	5 – 13 V	5 – 13 V
format	SIP, SMT	SIP, SMT	SIP, SMT
warranty	2 years	2 years	2 years

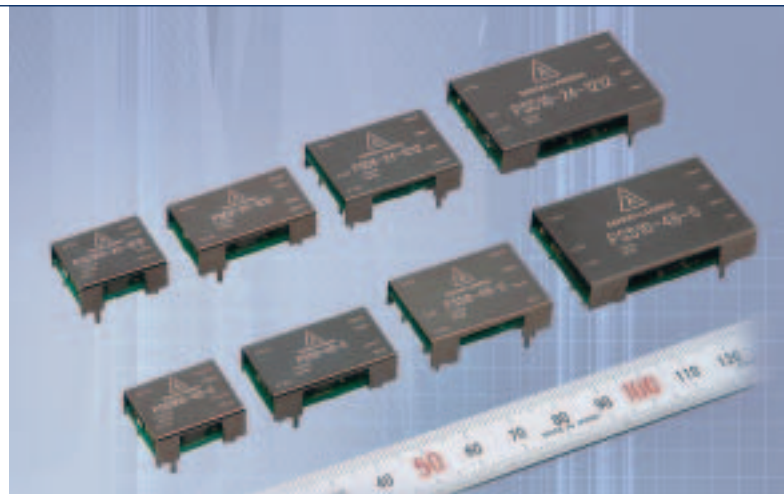
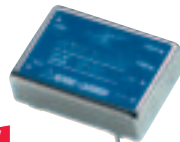
PL converters with more than 10 A.

Mini DC/DC converters

Small DC/DC converters for circuit board mounting to generate distributed voltages directly on the load's PCB.

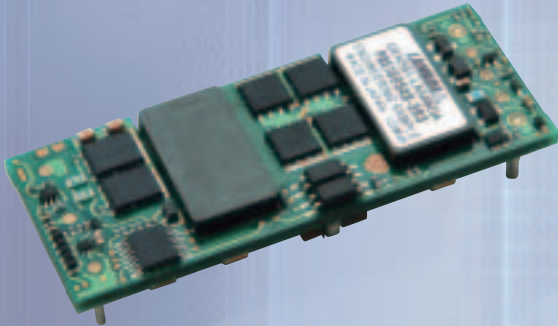
New design PSS/PSD series **NEW**

Same size, same pin layout: Doubled Power! RoHS compatible design. Performance ranges for these series from 1.5 W to 12 W. No additional cooling elements are required. Same case-style for SMT and Pin-type models.



	NEW PSS / PSD	PC / PCD
power	1.5 – 12 W	1.5 – 6 W
number of outputs	1 and 2	1 and 2
output voltage	3.3 - ±15V	3.3 - ±15 V
input voltage	5, 12, 24, 48 V	5, 12, 24, 48 V
format	Cover*, SMT	Metal housing
warranty	2 years	1 year





DC/DC converters in "brick" format

Offering excellent efficiency and innovative design, these modules tolerate high operating temperatures and are suitable for applications with limited system ventilation.

PAE and PAQ series

NEW

PAE100S: More Power in 1/8 brick size
RoHS complying design

Offering excellent efficiency and innovative design, these modules tolerate high operating temperatures and are suitable for applications with limited system ventilation without additional heatsink.

NEW

series	PAE	PAQ	PAQ-D
power	60 – 100 W	50 – 100 W	65 W
number of outputs	2	1	2
output voltage	1.8 – 3.3 V	1.2 – 5 V	1.8 – 5 V
input voltage	48 VDC	48 VDC	48 VDC
format	eight-brick	quarter-brick	quarter-brick
warranty	2 years	2 years	2 years



PAH and PAF series

Half-Brick and Full-Brick Power Modules for conduction cooling via baseplate. Leading power density provides output power up to 350 watt in half-brick size and up to 700 watt in full brick size.

Wide baseplate temperature range from $-40\text{ }^{\circ}\text{C}$ up to $+100\text{ }^{\circ}\text{C}$ for all kind of application in information, telecommunication and FA equipment.

series	PAH	PAH-D	PAF
power	50 – 350 W	75 W	400 – 700 W
number of outputs	1	2	1
output voltage	1.8 – 28 V	1.8 – 5 V	3.3 – 28 V
input voltage	24, 48 VDC	48 VDC	24, 48, 280 VDC
format	half-brick	half-brick	full-brick
warranty	2 years	2 years	2 years

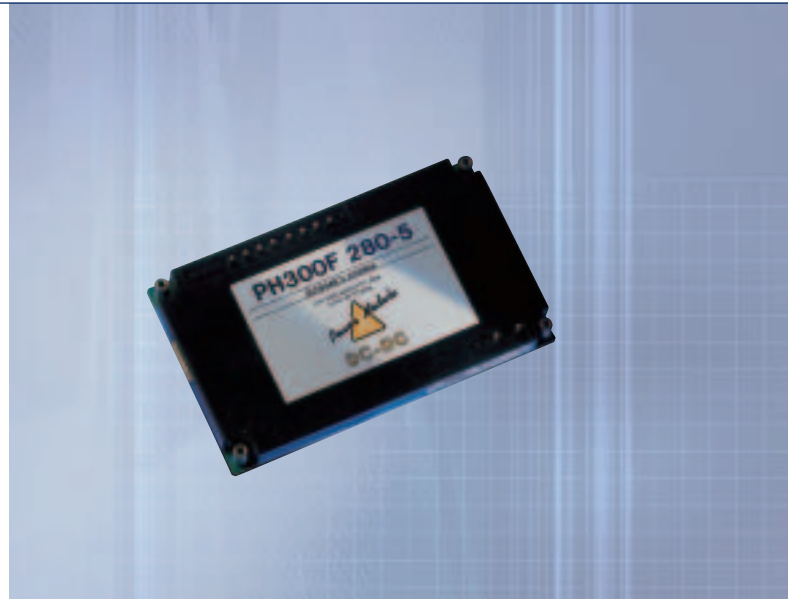
Power modules

These modules comprise the basic element for developing customised power supplies. The modules include all main functions for a fast and reliable design.

PH series

The broadest range of power modules for customised power supplies. 4 wide input voltage ranges from 18 – 400 VDC makes it simple to build a customised power supply based on standard modules for nearly every kind of application.

The PH-series are offered as “full function modules” with signaling and parallel operation function with a very wide output voltage adjustment range from –60% up to +20% of the nominal output voltage. The “simple” function modules offer a output voltage adjustment range $\pm 20\%$ in a more compact format.



series	PH-(F)	PH (S)
rating	75 – 300 W	50 – 600 W
output voltage	2 V – 28 V	3.3 V – 48 V
input voltage	24, 48, 110, 280 VDC	24, 48, 110, 280 VDC
warranty	2 years	2 years

Power factor module

PF series

This modules offers a easy solution to connect the PH-series with 280 VDC input to AC-mains with wide range input.

The modules achive a power factor of 0,95 and fit together with the PH-modules.

The PF-500A-360 delivers 500 watt ouput power at wide range input and up to 750 W output power at high line input.

The PF-1000A-360 offers 1000 watt output power at wide range input and 1500 watt at high line.



series	PF-500A-360	PF-1000A-360
rating	500 W (750 W)	1000 W (1500 W)
output voltage	360 VDC	360 VDC
input voltage	85 – 265 VAC	85 – 265 VAC
warranty	2 years	2 years





Value Added



AC/DC power modules

Front-end module for 48 V telecommunication applications. Compact solution for distributed power architectures.

Rapid time to market for power supplies by using this basic component. Includes all features needed for setting up a charging rectifier for telecommunication applications including EMC-Filter and PFC.

series	PD-800A-230-48
power	808 W
output voltage	24 – 53 V
input voltage	85 – 265 VAC
warranty	1 year

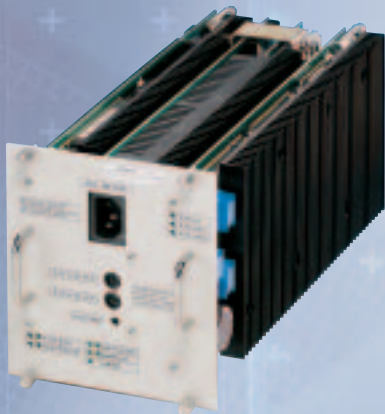


Customized products based on power modules

580 W power supply with multiple outputs for TV transmission systems

- Features:**
- AC/DC frontend 90 – 265 VAC (PD800A)
 - 4 separate outputs: 3 x 5 V (PH150F), 1 x 12 V (PH505)
 - AC OK, DC OK, FAN OK
 - EN55022B
 - EN61000-3-2
 - EN61000-4-2, 3, 4, 5
 - N+1 redundancy at 5 V "hot swap" possibility

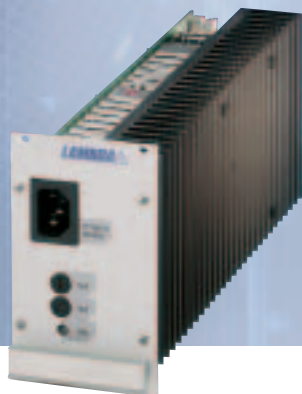
Application: • digital recorder



550 W AC/DC power supply with multiple outputs

- Features:**
- 88 – 265 VAC
 - 10 separate outputs
 - 2 x 5 V (PH,PP), 2 x 5.5 V (PP), 3 x 12 V (PH,PP)
 - 1 x 48 V (PD800A), 2 x 24 V (PH)
 - EN55022B
 - EN61000-3-2
 - EN61000-4-2, 3, 4, 5

Application: • base station for GSM networks



750 W rectifier power supply

compact design for telecommunication applications

- Features:**
- 88 – 265 VAC, nominal output 48 V
 - EN55022B
 - EN61000-3-2
 - EN61000-4-2, 3, 4, 5
 - N+1 redundancy, "hot plug" possibility

Applications: • BTS, BSC for GSM networks, PABX, ATM transmission systems, router, radio link systems

Customized solutions

**Lambda offers you Total Power Solution.
We want to offer you the complete solution to
power up your application.**

Our customers, their specific needs and requirements, take centre stage of all our actions. Our wide range of products of high quality and reliability meet the first part of our customers' needs. Lambda is unique in the industry when offering the second, customized part.

Lambda means "engineering" – support and solutions for any technical problem, whether standard or specific.

50 W customized power supply

- Features:**
- AC input 85 – 265 VAC/50 Hz
 - 1 output 12 V or 24 V, cable junction
 - EN60950
 - EN55022

Application: • supply for computer peripherals

250 W power supply with multiple outputs

- Features:**
- AC input 85 – 265 VAC
 - 4 outputs 5 V, 24 V, +15 V, -15 V
 - with customized cable loop and top fan
 - EN60950
 - EN55022
 - EN61000-3-2
 - EN61000-4-2,3,5,6,8,11

Application: • industrial applications

350 W power supply in assembling plate

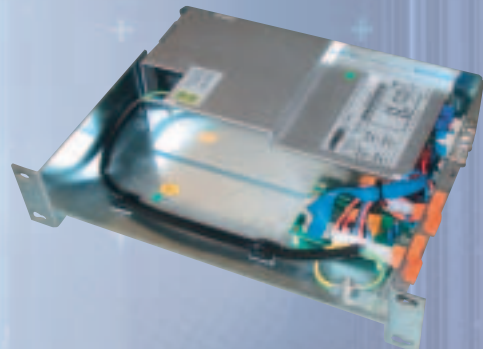
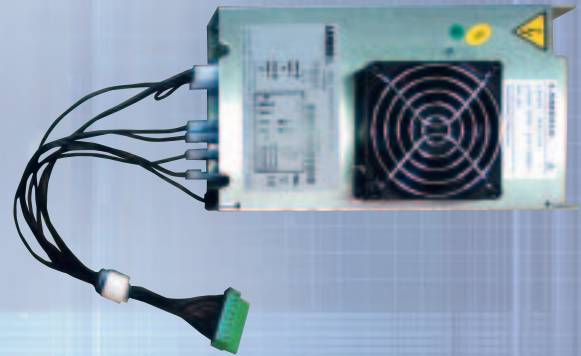
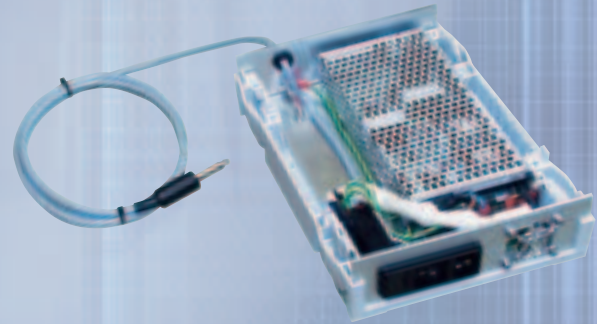
- Features:**
- AC input 85 – 265 VAC/50 Hz
 - 5 outputs 24 V and 2x ± 15 V via sub-D-plug
 - EN60950
 - EN55022

Application: • laser application

power supply in customized case

- Features:**
- AC input 85 – 265 VAC/50 Hz
 - 2 outputs 24 V and 12 V
with ITT-high current contacts
 - EN60950
 - EN55022

Application: • process automation



Please contact your local sales office to find the best solution to your application.

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