

Programmable Power Supplies



PROGRAMMABLE POWER SUPPLIES

A lot to offer in 2U: Z⁺ Series

high density, highly flexible, many applications



Industrial



Test



Product features

- Same package size (2U format) for all models
- Benchtop and rack mounted (19")
- 16 bit resolution and extremely fast programming response
- Integrated Arbitrary waveform generation with internal storage for up to four individual sequencing curves
- High functionality for a wide variety of test applications
- Extensively equipped (including software package)
- Interface: USB, RS232 & RS485, analog control & monitoring
- Optional: LAN, IEEE, isolated analog interfaces & front panel output sockets



Specifications

- 200, 400, 600, 800 W models in 2U
- Input voltage:
85-265 V AC single phase, 47-63 Hz
- Output voltage 10, 20, 36, 60, 100, 160, 320, 375, 650 V DC
- Up to 89% efficiency
- User programmable signal pins
- 5 years warranty

Typical applications

- Test and measurement
- Part and component testing
- ATE and laser diodes
- Automotive

Product Summary Z⁺ 200 W – 800 W

Output Voltage [V DC]	Output Current [A]	Output Power [W]	Interface				Model	
			Standard	Wide Chassis				
			LAN	L*	L2*	IEEE	IS510/IS420	
0~10	0~20	200	◦	◦	◦	◦	◦	Z10-20
	0~40	400	◦	◦	◦	◦	◦	Z10-40
	0~60	600	◦	◦	◦	◦	◦	Z10-60
	0~72	720	◦	◦	◦	◦	◦	Z10-72
0~20	0~10	200	◦	◦	◦	◦	◦	Z20-10
	0~20	400	◦	◦	◦	◦	◦	Z20-20
	0~30	600	◦	◦	◦	◦	◦	Z20-30
	0~40	800	◦	◦	◦	◦	◦	Z20-40
0~36	0~6	216	◦	◦	◦	◦	◦	Z36-6
	0~12	432	◦	◦	◦	◦	◦	Z36-12
	0~18	648	◦	◦	◦	◦	◦	Z36-18
	0~24	864	◦	◦	◦	◦	◦	Z36-24
0~60	0~3.5	210	◦	◦	◦	◦	◦	Z60-3.5
	0~7	420	◦	◦	◦	◦	◦	Z60-7
	0~10	600	◦	◦	◦	◦	◦	Z60-10
	0~14	840	◦	◦	◦	◦	◦	Z60-14
0~100	0~2	200	◦	◦	◦	◦	◦	Z100-2
	0~4	400	◦	◦	◦	◦	◦	Z100-4
	0~6	600	◦	◦	◦	◦	◦	Z100-6
	0~8	800	◦	◦	◦	◦	◦	Z100-8

Interfaces: ◦ = Optional

Dimensions (W x H x D): Z+ Standard 1/6 19" x 2U x 405 mm
 Z+ Wide Chassis 1/4 19" x 2U x 405 mm
 Output Cover is included

* L: max 24 A / 60 V
 L2: CAT III-Type: max. 24 A / 650 V
Warranty: 5 Years
Standard built-in: USB, RS-232/RS-485

Output Voltage [V DC]	Output Current [A]	Output Power [W]	Interface				Model	
			Standard	Wide Chassis				
			LAN	L*	L2*	IEEE	IS510/IS420	
0~160	0~1.3	208	◦		◦	◦	◦	Z160-1.3
	0~2.6	416	◦		◦	◦	◦	Z160-2.5
	0~4	640	◦		◦	◦	◦	Z160-4
	0~5	800	◦		◦	◦	◦	Z160-5
0~320	0~0.65	208	◦		◦	◦	◦	Z320-0.65
	0~1.3	416	◦		◦	◦	◦	Z320-1.3
	0~2	640	◦		◦	◦	◦	Z320-2
	0~2.5	800	◦		◦	◦	◦	Z320-2.5
0~375	0~2.2	825	◦		◦	◦	◦	Z375-2.2
0~650	0~0.32	208	◦		◦	◦	◦	Z650-0.32
	0~0.64	416	◦		◦	◦	◦	Z650-0.64
	0~1	650	◦		◦	◦	◦	Z650-1
	0~1.25	812	◦		◦	◦	◦	Z650-1.25

Product-Code

Z+ 200 W – 800 W

Z	36	-	12	-		-		-	E
Series name	Output Voltage (0~36 V)	Output Current (0~12 A)	Option: LAN IEEE IS510 IS420	Output Jacks L L2	AC Cable E - Europe GB - United Kingdom U - North America I - Middle East				

Standard: USB, RS-232/RS-485 Interface, analog Interface (non-isolated)

LAN Interface (Complies with **LXI** class C) IEEE 488.2 (GPIB) Interface

0-5 V/10 V: analog Interface (isolated)

4-20 mA: analog Interface (isolated)

Front Panel Output Jacks: 60 V or 24 A max.

CAT III type: 650 V or 24 A max.

P/N:

-

LAN

IEEE

IS510

IS420

L

L2

The powerful Genesys™ Series

Exceptional Reliability and Performance – up to 1500 V



Industrial



Test



Product features

- Benchtop and rack mounted (19“)
- Auto-restart/safe-start user-selectable
- Interfaces: RS232 & RS485, analog control & monitoring
- Optional: LAN, IEEE, Power Sink and Fast Speed
- Extension: **I-SINK** function (electronic power sink)

More about our complete range of programmable power supplies at: www.emea.tdk-lambda.com

Specifications

- 750, 1500, 2400 W models in 1U
- 3300, 5000 W models in 2U
- 10000, 15000 W models in 3U
- Active/passive power factor correction (single-phase & three-phase AC input)
- Output voltage up to 1500V, output current up to 1000 A
- Up to 93% efficiency
- 5 years warranty

Typical applications

- Test and measurement
- Automation
- Part and component testing
- Automotive
- Burn-in

Product Summary 1U GENH 750 W (GEN 750 W – 2.4 kW)

Output Voltage [V DC]	Output Current [A]	Output Power [W]	Interface					PSINK	Dimensions	Model
			RS-232/RS-485	Analog	LAN	IEEE	IS510/IS420 Isolated analog			
0~6	0~100	600	•	•	◦	◦	◦		1/2 19" x 1U x 480 mm	GENH6-100
	0~100	600	•	•	◦	◦	◦		19" x 1U x 498 mm	GEN6-100
	0~200	1200	•	•	◦	◦	◦		19" x 1U x 498 mm	GEN6-200
0~8	0~90	720	•	•	◦	◦	◦		1/2 19" x 1U x 480 mm	GENH8-90
	0~90	720	•	•	◦	◦	◦		19" x 1U x 498 mm	GEN8-90
	0~180	1440	•	•	◦	◦	◦		19" x 1U x 498 mm	GEN8-180
	0~300	2400	•	•	◦	◦	◦		19" x 1U x 486 mm	GEN8-300
0~10	0~240	2400	•	•	◦	◦	◦		19" x 1U x 486 mm	GEN10-240
0~12.5	0~60	750	•	•	◦	◦	◦		1/2 19" x 1U x 480 mm	GENH12.5-60
	0~60	750	•	•	◦	◦	◦	◦	19" x 1U x 498 mm	GEN12.5-60
	0~120	1500	•	•	◦	◦	◦	◦	19" x 1U x 498 mm	GEN12.5-120
0~16	0~150	2400	•	•	◦	◦	◦		19" x 1U x 486 mm	GEN16-150
0~20	0~38	760	•	•	◦	◦	◦		1/2 19" x 1U x 480 mm	GENH20-38
	0~38	760	•	•	◦	◦	◦	◦	19" x 1U x 498 mm	GEN20-38
	0~76	1520	•	•	◦	◦	◦	◦	19" x 1U x 498 mm	GEN20-76
	0~120	2400	•	•	◦	◦	◦		19" x 1U x 486 mm	GEN20-120
0~30	0~25	750	•	•	◦	◦	◦		1/2 19" x 1U x 480 mm	GENH30-25
	0~25	750	•	•	◦	◦	◦	◦	19" x 1U x 498 mm	GEN30-25
	0~50	1500	•	•	◦	◦	◦	◦	19" x 1U x 498 mm	GEN30-50
	0~80	2400	•	•	◦	◦	◦		19" x 1U x 486 mm	GEN30-80

Output Voltage [V DC]	Output Current [A]	Output Power [W]	Interface					PSINK	Dimensions	Model
			RS-232/RS-485	Analog	LAN	IEEE	IS510/IS420 Isolated analog			
0~40	0~19	760	•	•	◦	◦	◦		1/2 19" x 1U x 480 mm	GENH40-19
	0~19	760	•	•	◦	◦	◦	◦	19" x 1U x 498 mm	GEN40-19
	0~38	1520	•	•	◦	◦	◦	◦	19" x 1U x 498 mm	GEN40-38
	0~60	2400	•	•	◦	◦	◦		19" x 1U x 486 mm	GEN40-60
0~50	0~30	1500	•	•	◦	◦	◦		19" x 1U x 498mm	GEN50-30
0~60	0~12.5	750	•	•	◦	◦	◦		1/2 19" x 1U x 480 mm	GENH60-12.5
	0~12.5	750	•	•	◦	◦	◦	◦	19" x 1U x 498 mm	GEN60-12.5
	0~25	1500	•	•	◦	◦	◦	◦	19" x 1U x 498 mm	GEN60-25
	0~40	2400	•	•	◦	◦	◦		19" x 1U x 506 mm	GEN60-40
0~80	0~9.5	760	•	•	◦	◦	◦		1/2 19" x 1U x 480 mm	GENH80-9.5
	0~9.5	760	•	•	◦	◦	◦		19" x 1U x 498 mm	GEN80-9.5
	0~19	1520	•	•	◦	◦	◦		19" x 1U x 498 mm	GEN80-19
	0~30	2400	•	•	◦	◦	◦		19" x 1U x 506 mm	GEN80-30

• = Standard, ◦ = Optional. **Warranty:** 5 Years. Optional for all Models: USB external solution. Dimensions including Bus bar enclosure.



Product Summary 1U GENH 750 W (GEN 750 W – 2.4 kW)

Output Voltage [V DC]	Output Current [A]	Output Power [W]	Interface					PSINK	Dimensions	Model
			RS-232/RS-485	Analog	LAN	IEEE	IS510/IS420 Isolated analog			
0~100	0~7.5	750	•	•	◦	◦	◦	1/2 19" x 1U x 480 mm	GENH100-7.5	
	0~7.5	750	•	•	◦	◦	◦	19" x 1U x 498 mm	GEN100-7.5	
	0~15	1500	•	•	◦	◦	◦	19" x 1U x 498 mm	GEN100-15	
	0~24	2400	•	•	◦	◦	◦	19" x 1U x 506 mm	GEN100-24	
0~150	0~5	750	•	•	◦	◦	◦	1/2 19" x 1U x 480 mm	GENH150-5	
	0~5	750	•	•	◦	◦	◦	19" x 1U x 498 mm	GEN150-5	
	0~10	1500	•	•	◦	◦	◦	19" x 1U x 498 mm	GEN150-10	
	0~16	2400	•	•	◦	◦	◦	19" x 1U x 506 mm	GEN150-16	
0~300	0~2.5	750	•	•	◦	◦	◦	1/2 19" x 1U x 480 mm	GENH300-2.5	
	0~2.5	750	•	•	◦	◦	◦	19" x 1U x 498 mm	GEN300-2.5	
	0~5	1500	•	•	◦	◦	◦	19" x 1U x 498 mm	GEN300-5	
	0~8	2400	•	•	◦	◦	◦	19" x 1U x 506 mm	GEN300-8	
0~600	0~1.3	780	•	•	◦	◦	◦	1/2 19" x 1U x 480 mm	GENH600-1.3	
	0~1.3	780	•	•	◦	◦	◦	19" x 1U x 498 mm	GEN600-1.3	
	0~2.6	1560	•	•	◦	◦	◦	19" x 1U x 498 mm	GEN600-2.6	
	0~4	2400	•	•	◦	◦	◦	19" x 1U x 506 mm	GEN600-4	

• = Standard, ◦ = Optional. **Warranty:** 5 Years. Optional for all Models: USB external solution. Dimensions including Bus bar enclosure.

Product-Code

GENH 750 W 1U

GEN H	600	-	1.3	-		-	E
Series name	Output Voltage (0-600 V)	Output Current (0-1.3 A)	Option: LAN IEEE IS510 IS420	AC Cable E-Europe GB - United Kingdom U - North America I - Middle East			

GEN 2400 W 1U

GEN	40	-	60	-		-	
Series name	Output Voltage (0-40 V)	Output Current (0-60 A)	Option: LAN IEEE IS510 IS420	AC Input-Options: 1P230 (Single Phase 230 V AC) 3P208 (Three Phase 208 V AC)			

GEN 750/1500 W with Power Sink

GEN	60	-	25	-		-	PSINK	-	LN
Series name	Output Voltage (0-60 V)	Output Current (0-25 A)	Option: LAN IEEE IS510 IS420					(Low Noise) Up to 60 V only	

P/N:

Standard: RS-232/RS-485 Interface,
analog Interface (non-isolated)

LAN Interface (Complies with **LXI** class C)

IEEE 488.2 (GPIB) Interface

0-5 V/10 V: analog Interface (isolated)

4-20 mA: analog Interface (isolated)

Power Sink (750/1500 W, 12.5-60 V models)

-

LAN

IEEE

IS510

IS420

PSINK



Product Summary 2U GEN 3.3 kW – 5.5 kW

Output Voltage [V DC]	Output Current [A]	Output Power [W]	Interface					FAST SPEED	Dimensions	Model
			RS-232/ RS-485	Analog	LAN	IEEE	Isolated analog			
0~8	0~400	3200	•	•	◦	◦	◦		19" x 2U x 498 mm	GEN8-400
	0~600	4800	•	•	◦	◦	◦		19" x 2U x 518 mm	GEN8-600
0~10	0~330	3300	•	•	◦	◦	◦		19" x 2U x 498 mm	GEN10-330
	0~500	5000	•	•	◦	◦	◦		19" x 2U x 518 mm	GEN10-500
0~15	0~220	3300	•	•	◦	◦	◦		19" x 2U x 498 mm	GEN15-220
0~16	0~310	4960	•	•	◦	◦	◦		19" x 2U x 498 mm	GEN16-310
0~20	0~165	3300	•	•	◦	◦	◦	◦	19" x 2U x 498 mm	GEN20-165
	0~250	5000	•	•	◦	◦	◦	◦	19" x 2U x 518 mm	GEN20-250
0~30	0~110	3300	•	•	◦	◦	◦	◦	19" x 2U x 498 mm	GEN30-110
	0~170	5100	•	•	◦	◦	◦	◦	19" x 2U x 518 mm	GEN30-170
0~40	0~85	3400	•	•	◦	◦	◦	◦	19" x 2U x 498 mm	GEN40-85
	0~125	5000	•	•	◦	◦	◦	◦	19" x 2U x 518 mm	GEN40-125
0~60	0~55	3300	•	•	◦	◦	◦	◦	19" x 2U x 518 mm	GEN60-55
	0~85	5100	•	•	◦	◦	◦	◦	19" x 2U x 518 mm	GEN60-85
0~80	0~42	3360	•	•	◦	◦	◦	◦	19" x 2U x 518 mm	GEN80-42
	0~65	5200	•	•	◦	◦	◦	◦	19" x 2U x 518 mm	GEN80-65
0~100	0~33	3300	•	•	◦	◦	◦	◦	19" x 2U x 518 mm	GEN100-33
	0~50	5000	•	•	◦	◦	◦	◦	19" x 2U x 518 mm	GEN100-50
0~150	0~22	3300	•	•	◦	◦	◦	◦	19" x 2U x 518 mm	GEN150-22
	0~34	5100	•	•	◦	◦	◦	◦	19" x 2U x 518 mm	GEN150-34
0~200	0~16.5	3300	•	•	◦	◦	◦	◦	19" x 2U x 518 mm	GEN200-16.5
	0~25	5000	•	•	◦	◦	◦	◦	19" x 2U x 518 mm	GEN200-25

Output Voltage [V DC]	Output Current [A]	Output Power [W]	Interface					FAST SPEED	Dimensions	Model
			RS-232/ RS-485	Analog	LAN	IEEE	Isolated analog			
0~300	0~11	3300	•	•	◦	◦	◦		19" x 2U x 518 mm	GEN300-11
	0~17	5100	•	•	◦	◦	◦		19" x 2U x 518 mm	GEN300-17
0~400	0~13	5200	•	•	◦	◦	◦		19" x 2U x 518 mm	GEN400-13
0~500	0~10	5000	•	•	◦	◦	◦		19" x 2U x 518 mm	GEN500-10
0~600	0~5.5	3300	•	•	◦	◦	◦		19" x 2U x 518 mm	GEN600-5.5
	0~8.5	5100	•	•	◦	◦	◦		19" x 2U x 518 mm	GEN600-8.5

• = Standard, ◦ = Optional. **Warranty:** 5 Years. Optional for all Models: USB external solution. Dimensions including Bus bar enclosure.

Product-Code

GEN 3.3 kW 2U

GEN	8	-	400	-		-	
Series name	Output Voltage (0~8 V)	Output Current (0~400 A)	Option: LAN IEEE IS510 IS420	AC Input-Options: 1P230 (Single Phase 230 V AC) 3P208 (Three Phase 208 V AC) 3P400 (Three Phase 400 V AC)			

GEN 5 kW 2U

GEN	10	-	500	-		-	
Series name	Output Voltage (0~10 V)	Output Current (0~500 A)	Option: LAN IEEE IS510 IS420	AC Input-Options: 3P208 (Three Phase 208 V AC) 3P400 (Three Phase 400 V AC)			

Standard: RS-232/RS-485 Interface,
analog Interface (non-isolated)

LAN Interface (Complies with **LO** class C)
IEEE 488.2 (GPIB) Interface
0-5 V/10 V: analog Interface (isolated)
4-20 mA: analog Interface (isolated)

P/N:

-

LAN
IEEE
IS510
IS420



Product Summary 3U GEN 10 kW – 15 kW

Output Voltage [V DC]	Output Current [A]	Output Power [kW]	Interface					Dimensions	Model
			RS-232/ RS-485	Analog	LAN	IEEE	Isolated analog		
0~7.5	0~1000	7.5	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN7.5-1000
0~10	0~1000	10	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN10-1000
0~12.5	0~800	10	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN12.5-800
0~20	0~500	10	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN20-500
0~25	0~400	10	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN25-400
NEW 0~30	0~333	10	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN30-333
	0~500	15	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN30-500
NEW 0~40	0~250	10	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN40-250
	0~375	15	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN40-375
NEW 0~50	0~200	10	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN50-200
	0~300	15	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN50-300
0~60	0~167	10	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN60-167
	0~250	15	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN60-250
0~80	0~125	10	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN80-125
	0~187.5	15	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN80-187.5
0~100	0~100	10	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN100-100
	0~150	15	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN100-150
0~125	0~80	10	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN125-80
	0~120	15	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN125-120
0~150	0~66	9.9	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN150-66
	0~100	15	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN150-100

Output Voltage [V DC]	Output Current [A]	Output Power [kW]	Interface					Dimensions	Model
			RS-232/ RS-485	Analog	LAN	IEEE	Isolated analog		
0~200	0~50	10	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN200-50
	0~75	15	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN200-75
0~250	0~40	10	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN250-40
	0~60	15	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN250-60
0~300	0~33	9.9	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN300-33
	0~50	15	•	•	◦	◦	◦	19" x 3U x 644 mm	GEN300-50
0~400	0~25	10	•	•	◦	◦	◦	19" x 3U x 639 mm	GEN400-25
	0~37.5	15	•	•	◦	◦	◦	19" x 3U x 639 mm	GEN400-37.5
0~500	0~20	10	•	•	◦	◦	◦	19" x 3U x 639 mm	GEN500-20
	0~30	15	•	•	◦	◦	◦	19" x 3U x 639 mm	GEN500-30
0~600	0~17	10.2	•	•	◦	◦	◦	19" x 3U x 639 mm	GEN600-17
	0~25	15	•	•	◦	◦	◦	19" x 3U x 639 mm	GEN600-25
NEW – HV 0~800	0~12.5	10	•	•	◦	◦	•	19" x 3U x 631 mm	GEN800-12.5
	0~18.8	15	•	•	◦	◦	•	19" x 3U x 631 mm	GEN800-18.8
NEW – HV 0~1000	0~10	10	•	•	◦	◦	•	19" x 3U x 631 mm	GEN1000-10
	0~15	15	•	•	◦	◦	•	19" x 3U x 631 mm	GEN1000-15
NEW – HV 0~1250	0~8	10	•	•	◦	◦	•	19" x 3U x 631 mm	GEN1250-8
	0~12	15	•	•	◦	◦	•	19" x 3U x 631 mm	GEN1250-12
NEW – HV 0~1500	0~6.7	10	•	•	◦	◦	•	19" x 3U x 631 mm	GEN1500-6.7
	0~10	15	•	•	◦	◦	•	19" x 3U x 631 mm	GEN1500-10

• = Standard, ◦ = Optional. **Warranty:** 5 Years. Optional for all Models: USB external solution. Dimensions including Bus bar enclosure.

Product-Code

GEN 10/15 kW 3U (7.5V – 600V)

GEN	10	-	1000	-		-	
Series name	Output Voltage (0~10 V)	Output Current (0-1000A)	Option: LAN IEMD IS510 IS420	AC Input-Options: 3P208 (Three Phase 208 V AC) 3P400 (Three Phase 400 V AC) 3P480 (Three Phase 480 V AC)			

Standard: RS-232/RS-485 Interface,
analog Interface (non-isolated)

LAN Interface (Complies with **LXI** class C)
IEEE 488.2 (GPIB) Interface
0-5 V/10 V: analog Interface (isolated)
4-20 mA: analog Interface (isolated)

P/N:

-
LAN
IEMD
IS510
IS420

Product-Code

GEN 10/15 kW 3U (800V – 1500V)

GEN	1500	-	10	-		-	
Series name	Output Voltage (0~1500 V)	Output Current (0~10 A)	Option: LAN IEMD IS420	AC Input-Options: 3P400 (Three Phase 400 V AC) 3P480 (Three Phase 480 V AC)			

Standard: RS-232/RS-485 Interface,
analog Interface (non-isolated)

LAN Interface (Complies with **LXI** class C)
IEEE 488.2 (GPIB) Interface
4-20 mA: analog Interface (isolated)

P/N:

-
LAN
IEMD
IS420



I-SINK – electronic power sink

Flexible, intelligent, reliable



Industrial



Test

I-SINK – 2 Quadrant-Extension to Genesys™-Series

TDK-Lambda's electronic power sink offers a flexible solution for various applications. The modular load concept enables the required power handling to be firmware configured to match the customer's requirement.

- **Modular load concept**

TDK-Lambda's electronic power sink can be fitted with up to 8 load modules. This allows a flexible choice of continuous power rating from 200W to 1.5kW, with a maximum peak power rating of up to 11.2kW for more than one or few seconds (depends on power).

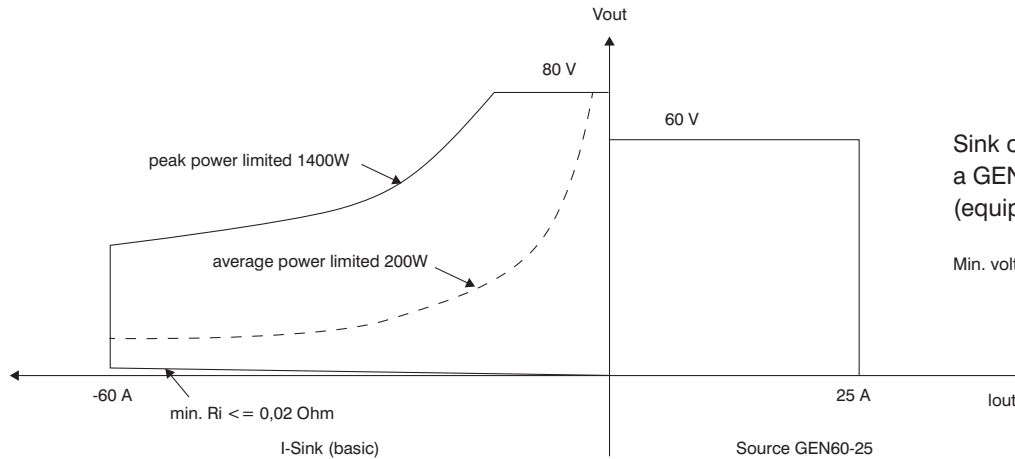
- **Customised solution, rapid delivery**

The I-SINK is optimised to meet specific customer needs. The modular design shortens development time and offers the advantage of utilisation of proven technology for a customised solution.

- **Designed for flexible applications and optimised for TDK-Lambda Genesys™ series**

Application examples

- 2-Quadrant-Extension
 - Battery test (charging and discharging options) and battery simulation
 - High performance load (each with power limit)
 - Constant current
 - Constant voltage (Power-Zener)
 - Constant resistance
-



Sink operating mode diagram with a GEN60-25 power supply unit (equipped with one load module)

Min. voltage at max. current < 0,15V

Model	Performance per power block
Basic function	2 nd quadrant extension
Peak power / Continuous operation	1,4kW / 200W
Max. voltage / max. current	80V / 60A
Min. voltage at max. current	< 0,15V
Control interface	analog 0–5V / 0–10V
Operating temperature	0–30°C (without derating)

Profile/height	Max. number of models	Continuous operation	Peak power	Interface
2U	4	200W–800W	1.4kW–5.6kW	USB/LAN/RS-232/RS-485/RS-422/CAN**
4U	8	1kw–1,5kW	7kW–11.2kW	USB/LAN/RS-232/RS-485/RS-422/CAN**

** could be combined with an additional interface



TDK-Lambda France SAS

Route de Grivry
ZAC des Delaches
CS 41077
91978 - Courtaboeuf Cedex
France
Tel. +33 1 60 12 71 65
Fax +33 1 60 12 71 66
france@fr.tdk-lambda.com
www.fr.tdk-lambda.com



Italy Sales Office

Via dei Lavoratori 128/130
20092 Cinisello Balsamo (MI)
Italy
Tel. +39 02 61 29 38 63
Fax +39 02 61 29 09 00
info.italia@it.tdk-lambda.com
www.it.tdk-lambda.com



Netherlands

info@nl.tdk-lambda.com
www.nl.tdk-lambda.com



TDK-Lambda UK Ltd.

Kingsley Avenue
Ilfracombe
Devon EX34 8ES
United Kingdom
Tel. +44 12 71 85 66 66
Fax +44 12 71 86 48 94
powersolutions@uk.tdk-lambda.com
www.uk.tdk-lambda.com



TDK-Lambda Germany GmbH

Karl-Bold-Strasse 40
77855 Achern
Tel. +49 7841 666 0
Fax +49 7841 5000
info@de.tdk-lambda.com
www.de.tdk-lambda.com



Austria Sales Office

Aredstrasse 22
2544 Leobersdorf
Austria
Tel. +43 2256 655 84
Fax +43 2256 645 12
info@de.tdk-lambda.com
www.tdk-lambda.at



Switzerland Sales Office

Bahnhofstrasse 50
8305 Dietlikon
Switzerland
Tel. +41 44 850 53 53
Fax +41 44 850 53 50
info@de.tdk-lambda.com
www.tdk-lambda.ch



C.I.S.

Commercial Support:
Tel. +7 495 665-26 27

Technical Support:
St. Petersburg
Tel. +7 812 658-04 63
info@tdk-lambda.ru
www.tdk-lambda.ru



TDK-Lambda Ltd.

Kibbutz
Givat Hashlosha 48800
Israel
Tel. +9 723 902 4333
Fax. +9 723 902 4777
info@tdk-lambda.co.il
www.tdk-lambda.co.il

Local Distribution