

Power Supply**Laboratory switching power supply unit with linear output stage**

	Power / W	Voltage / V	Continuous current / A	Current short term / A	Linear output stage / W	Case
SNG 1000W 40V 40-100A L	1000	40	40	100	120	Plug-in box 19" 2HE, output connector on front side and rear side
SNG 1000W 60V 30-80A L	1000	60	30	80	120	Plug-in box 19" 2HE, output connector on front side and rear side
SNG 1200W 40V 60-120A L	1200	40	60	120	180	Plug-in box 19" 2HE, output connector on front side and rear side
SNG 1200W 60V 40-100A L	1200	60	40	100	180	Plug-in box 19" 2HE, output connector on front side and rear side
SNG 1800W 32V 100-200A L	1800	32	100	200	250	Plug-in box 19" 2HE, output connector on front side and rear side
SNG 1800W 40V 80-160A L	1800	40	80	160	250	Plug-in box 19" 2HE, output connector on front side and rear side
SNG 1800W 60V 60-120A L	1800	60	60	120	250	Plug-in box 19" 2HE, output connector on front side and rear side
SNG 3600W 32V 200-400A L	3600	32	200	400	500	Plug-in box 19" 3HE, output connector on front side and rear side
SNG 3600W 40V 160-320A L	3600	40	160	320	500	Plug-in box 19" 3HE, output connector on front side and rear side
SNG 3600W 60V 120-240A L	3600	60	120	240	400	Plug-in box 19" 3HE, output connector on front side and rear side

Standard features:

- Dynamic voltage regulation (U)
- Static voltage regulation (Um)
- Dynamic current regulation (Id)
- Static current regulation (Is)
- Read back voltage (Sense channel)
- Read back current (measured at shunt)
- Setting of reference values and scanning of actual values by using a 16bit-converter
- Linear output stage voltage adjustment (switching power supplies)
- External trigger input (galvanic isolated)
- one nonvolatile memories for curves (Steps $\geq 100\mu\text{s}$)
- Sense operation switchable by button or by command
- Switchable sense mode
- Shutdown (1x external galvanic isolated , 1x by software)
- RS 232 (galvanic isolated) (9600 to 921600baud)
- Operator control panel

Version:

Type	Curve memory (100 μs)	Measurement memory (100 μs)	external trigger	internal trigger	Measurement channel	specials
C	1	0	2 Input	0	0	
D	3	1	2 Input / 2 Output	0	0	
EA	3	1	2 Input / 2 Output	2 (current and voltage)	1	
F	3	1	2 Input / 2 Output	0	1	

Option:

Extended linear output stage		Power regulation	USB Interface	Analog interface	Power base load	Secondary regulator 24bit resolution voltage and current	Plug-in box 2HE / 3HE
SNG 1000W	SNG 1200W SNG 1800W		(galvanic isolated)	(galvanic isolated)	only 1800W units not with N	not with G	(on request feet are supplied)
200W	400W						
L2	L4	L	U	A	G	N	K

Order example:

SNG 1800W 40V 80-160A L; Type D; power regulation; USB and Analog Interface

Type: SNG 1800W 40V 80-160A L D L UA K

SNG 1200W 40V 60-120A L; Type C; extended linear output stage; USB

Typ: SNG 1200W 40V 60-120A L4 C U K

Further devices with higher power are in preparation or on request.

Plug In power supply unit list

Plug In power supply

Plug In power supply with linear output stage

	Power / W	Voltage / V	Continuous current / A	Current short term / A	case
ESNG 600W 40V 25-100A L	600	40	25	100	Slight in box for 19" Slight in rack, 3HE, 42TE, depth 288mm
ESNG 1000W 40V 40-100A L	1000	40	40	100	Slight in box for 19" Slight in rack, 3HE, 42TE, depth 288mm

Standard features:

- Dynamic voltage regulation (U)
- Static voltage regulation (U_m)
- Dynamic current regulation (I_d)
- Static current regulation (I_s)
- Read back voltage (Sense channel)
- Read back current (measured at shunt)
- Setting of reference values and scanning of actual values by using a 16bit-converter
- Shutdown software
- RS 232 (galvanic isolated) (9600 to 921600baud)

Version:

Type	Curve memory (1ms)	
B	0	
C	1	

Option:

USB Interface
(galvanic isolated)
U

Order example:

ESNG 600W 40V 25-100A L, Typ C, USB interface

ESNG 600W 40V 25-100A L C U

Plug In linear power supply

	Power / W	Voltage / V	Continuous current / A	Current short term / A	case
ELNG 72W 60V 1,2A	72	60	1,2	-	Slight in box for 19" Slight in rack, 3HE, 28TE, depth 228mm
ELNG 170W 22V 8-12A	170	22	8	12	Slight in box for 19" Slight in rack, 3HE, 28TE, depth 228mm
ELNG 170W 45V 4-6A	170	45	4	6	Slight in box for 19" Slight in rack, 3HE, 28TE, depth 228mm
ELNG 170W 60V 3-5A	170	60	3	5	Slight in box for 19" Slight in rack, 3HE, 28TE, depth 228mm
ELNG 350W 22V 16-24A	350	22	16	24	Slight in box for 19" Slight in rack, 3HE, 28TE, depth 228mm
ELNG 350W 45V 8-12A	350	45	8	12	Slight in box for 19" Slight in rack, 3HE, 28TE, depth 228mm

Standard features:

- Dynamic voltage regulation (U)
- Dynamic current regulation (Id)
- Static current regulation (Is)
- Read back voltage (Sense channel)
- Read back current (measured at shunt)
- Setting of reference values and scanning of actual values by using a 16bit-converter
- Shutdown software
- RS 232 (galvanic isolated) (9600 to 921600baud)

Version:

Type	Curve memory (100µs)	
B	0	
C	1	
BA	0	Optimized for current. Small output capacitance. e.g. for LED measurement
CA	1	Optimized for current. Small output capacitance. e.g. for LED measurement

Option:

USB interface	More options on request
(galvanic isolated)	e.g. digital input and outputs
U	

Order example:

ELNG 350W 22V 16-24A, Type C , USB interface

ELNG 350W 22V 16-24A C U

Multilinear power supply rack

	Power / W	Spannung / V	Dauerstrom / A	Strom kurzzeitig / A	Gehäuse
MLNG 6X 120W 60V 2A	6X 120W	60V	2A	-	19" Volleinschub, 3HE, Einschubtiefe: 360mm + 42mm (Ausgangsklemmen) Ausgangsklemmen vorne und hinten

Standard features:

- 6X 120W 60V 2A Linear power supplies
- Dynamic voltage regulation
- Dynamic current regulation
- Static current regulation
- Read back: U, I, P
- Setting of reference values and scanning of actual values by using a 16bit-converter
- Sense operation switchable
- Shutdown
- Interface: RS 232 (galvanic isolated) (9600 to 460800baud)
- Operator control panel

Version:

Type	Curve memory (100µs)	
BA	0	Optimized for power. Small output capacitance. e.g. for LED measurement

Option:

USB interface
(galvanic isolated)
U

Order example:

MLNG 120W 60V 2A, Type BA , USB interface

MLNG 120W 60V 2A BA U