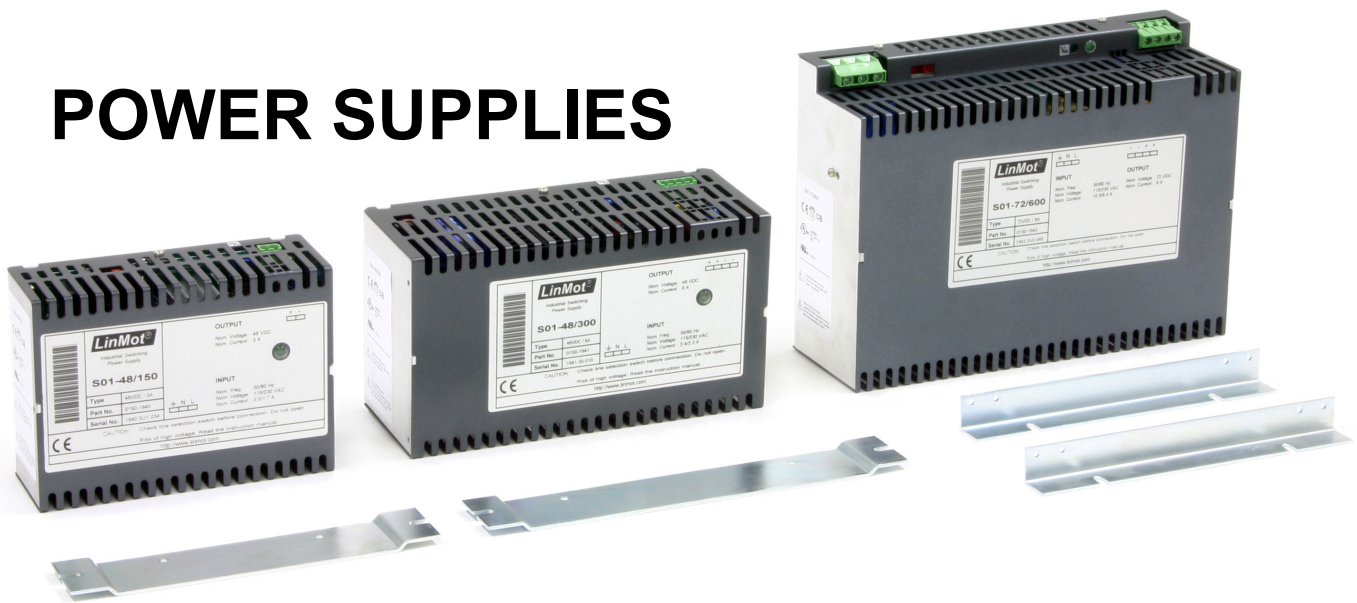


LinMot®

POWER SUPPLIES



Import Belgium & Luxembourg

Profilex s.a.

4A, Z.I. In den Allern Tel: 00352/99 89 06
L-9911 Troisvierges Fax: 00352/26 95 73 73

www.profilex-systems.com

profilex@pt.lu



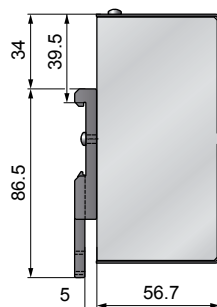
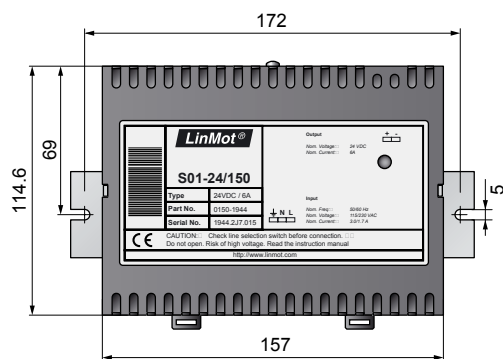
The linear motor technology for industrial applications

Switched-Mode Power Supplies

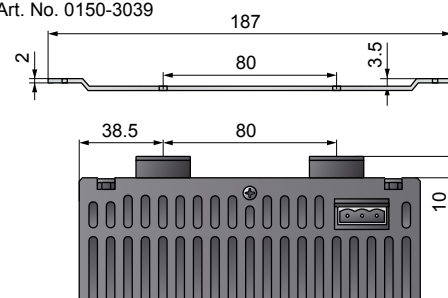


Switched-Mode Power Supplies								
Output voltage		24V		48V			72V	
Output power		150W	300 W	150 W	300 W	600 W	300W	600W
Input Specification								
Input voltage range	[VAC]	93...123 / 187...264						
Input frequency	[Hz]	47...63						
Input current at full load (230V)	[A]	1.7	3.3	1.7	3.3	6.4	3.3	6.4
Input current at full load (115V)	[A]	3	5.4	3	5.4	10.5	5.4	10.5
Maximum Inrush current (230V)	[A]	70	70	70	70	80	70	80
Internal fuse	[AT]	4	6.3	4	6.3	12	6.3	12
Output Specification								
Output voltage range	[VDC]	24...28		48...52			72...76	
Output current	[ADC]	6	12	3	6	12	4	8
Hold up time at full load	[ms]	30						
Over voltage protection	[% Uout]	140						
General Specification								
Operating temperature range		-25°C...70°C						
Power reduction above 50°C		2% / °C						
Storage temperature		-25°C...85°C						
Humidity		95% rel. H max.						
Switching frequency		67kHz typ.						
Efficiency		>85%						
Output voltage indicator		LED						
Isolation input - output		3'000 VAC (1 minute)						
Isolation input - case		2'000 VAC (1 minute)						
Isolation output - case		500 VAC (1 minute)						
Safety class (IEC 536)		Class 1						
Safety standards meets		IEC950 EN60950 CEs for SELV						
Conducted EMI according to		EN55022 Class B EN55011 Class B FCC-B						
Electromagnetic susceptibility EMC		EN61000-4-2 4kV / 8kV EN61000-4-3 10V / m EN61000-4-4 2kV EN61000-4-6 10V EN61000-4-8 30A / m						
Case / Protection class		Steel / IP20						
Mounting		DIN rail TS35, EN50022						

150 W



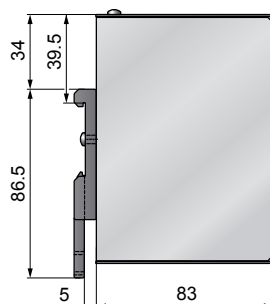
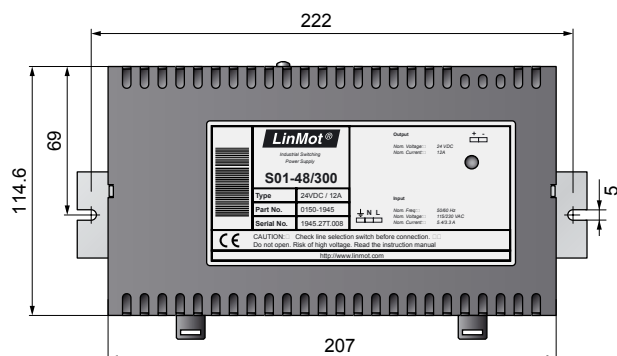
Option: Art. No. 0150-3039



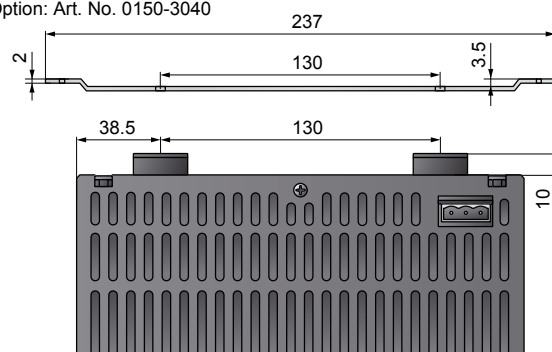
Weight: 800g

Item	Description	Part Number
S01-24/150	Switched-Mode Power Supply 24V/150W	0150-1944
S01-48/150	Switched-Mode Power Supply 48V/150W for E100/E200	0150-1940

300 W



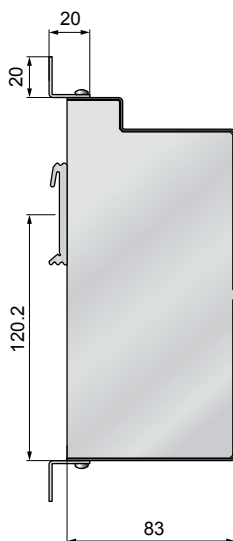
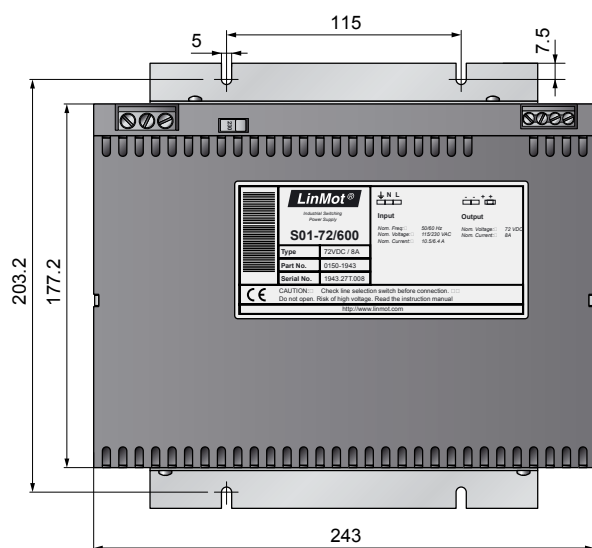
Option: Art. No. 0150-3040



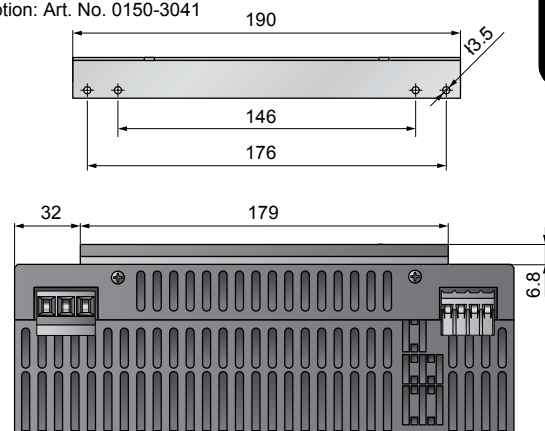
Weight: 1400g

Item	Description	Part Number
S01-24/300	Switched-Mode Power Supply 24V/300W	0150-1945
S01-48/300	Switched-Mode Power Supply 48V/300W for E400	0150-1941
S01-72/300	Switched-Mode Power Supply 72V/300W for E1001/E2001E4001	0150-1942

600 W



Option: Art. No. 0150-3041



Weight: 2000g

Dimensions in mm

Item	Description	Part Number
S01-48/600	Switched-Mode Power Supply 48V/600W	0150-1946
S01-72/600	Switched-Mode Power Supply 72V/600W for E4001	0150-1943

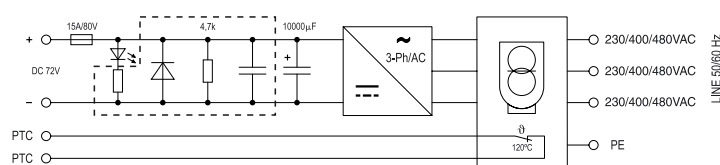
Transformer Supplies

Type T01 in modern industrial design, meets national, and international upcoming regulations. It was designed bearing following aspects in mind:

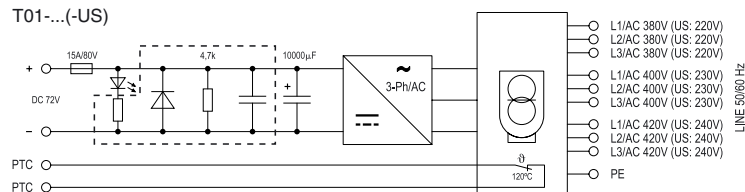
- ✓ 3 power classes:
420VA
900VA
1500VA
- ✓ 3 input voltage versions:
3x230VAC
3x400VAC
3x480VAC
- ✓ optimal layout to reduce surface area
- ✓ simple mounting via open-ended slot
- ✓ compact construction and low weight



T01-...-Multi



T01-...(-US)



Use T01 only as Motor supplies for LinMot Servo Controllers series E1100/B1100 and E1001. Do not use T01 supplies with series E100 or series E1000 Servo Controllers!

Technical Data

3-Phase Transformer Supply with integrated rectifier bridge, LGD, PTC, DC-Link buffer capacitor and Output Fuse, output ripple 2%.

Test Voltage between Primary and Secondary Winding 4467V, 50Hz.

Maximum Power Dissipation:
45W(420VA)
75W(900VA)
110W(1500VA)

IP-20, suitable for Installation up to protection rating IP 20, insulation class E, max. ambient temperature t_a 40°C.

Input and Output Voltage

Input:

T01-...-Multi 3x230/400/480 VAC, 50/60Hz
T01-... 3x380/400/420 VAC, 50/60Hz
T01-...-US 3x220/230/240 VAC, 50/60Hz

External Fuse: 2AT(420VA), 4AT(900VA), 8AT(1500VA)

Output:

T01-72/420 72 VDC, 5.8A (100%ED), 10A (35%ED), 15A (15%ED)

T01-72/900 72 VDC, 12A (100%ED), 20A (35%ED), 30A (15%ED)

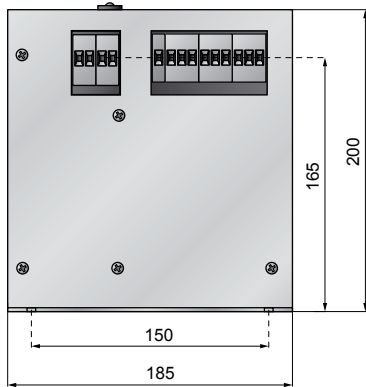
T01-72/1500 72 VDC, 20A (100%ED), 33A (35%ED), 50A (15%ED)

Single Phase Transformer Supply

The T01-72/420-1ph is a single phase version with 208/220/230/240VAC 50/60Hz input voltage and 420VA output power.

The mechanical dimensions of the T01-72/420-1ph are the same as the three phase transformer supply with 900VA output power.

420 VA



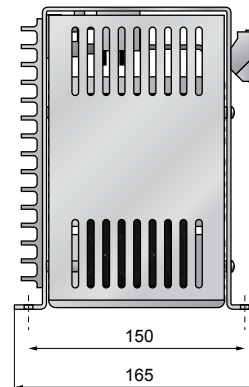
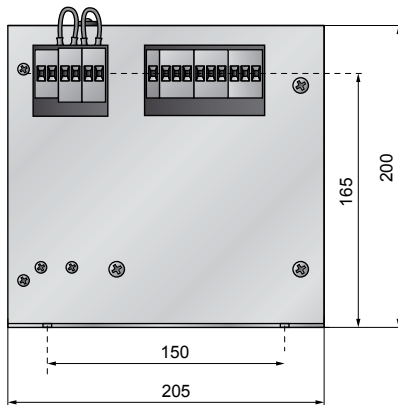
Weight: 6.6kg

Dimensions in mm

Item	Description	Part Number
T01-72/420-Multi	Transformer Supply 3x230/400/480 VAC, 50/60Hz, 420VA	0150-1869
T01-72/420	Transformer Supply 3x380/400/420 VAC, 50/60Hz, 420VA	0150-1966
T01-72/420-US	Transformer Supply 3x220/230/240 VAC, 50/60Hz, 420VA	0150-1967
T01-72/420-1ph	Transformer Supply 1x208/220/230/240VAC, 50/60Hz, 420VA*	0150-1859

*Dimensions see 900VA-Supply

900 VA

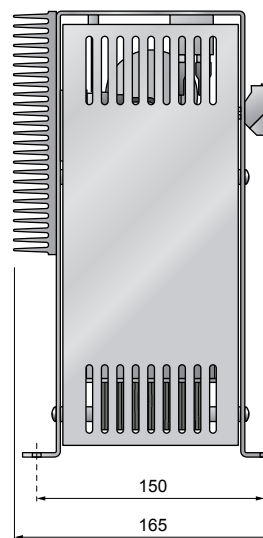
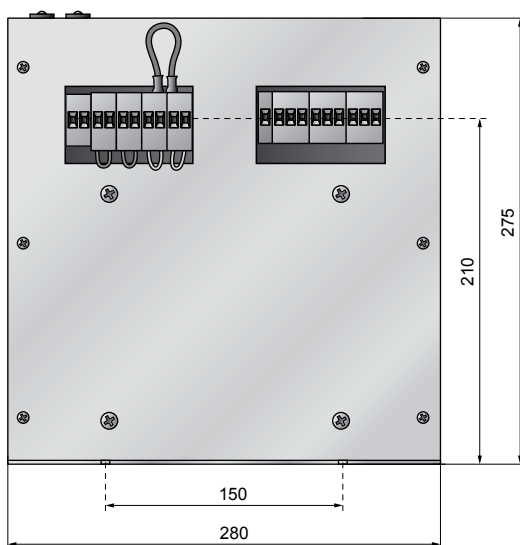


Weight: 10.6kg

Dimensions in mm

Item	Description	Part Number
T01-72/900-Multi	Transformer Supply 3x230/400/480 VAC, 50/60Hz, 900VA	0150-1870
T01-72/900	Transformer Supply 3x380/400/420 VAC, 50/60Hz, 900VA	0150-1842
T01-72/900-US	Transformer Supply 3x220/230/240 VAC, 50/60Hz, 900VA	0150-1843

1500 VA



Weight: 17kg

Dimensions in mm

Item	Description	Part Number
T01-72/1500-Multi	Transformer Supply 3x230/400/480 VAC, 50/60Hz, 1500VA	0150-1871
T01-72/1500	Transformer Supply 3x380/400/420 VAC, 50/60Hz, 1500VA	0150-1844
T01-72/1500-US	Transformer Supply 3x220/230/240 VAC, 50/60Hz, 1500VA	0150-1845

Switched Mode Power Supplies 500W/1'000W



As an alternative to the transformer supplies T01, LinMot offers two new switched mode power supplies S01 with 480W and 1'000W nominal power. The new S01-72/500 and S01-72/1000 supplies have an advanced power boost mode that offers 150% or 200% output power for a short period of time. This important feature permits the motor to get more power during acceleration and to size the power supply for peak current consumption instead of nominal current. Compared to the transformer supplies, the new switched mode supplies are much lighter and more compact.

Technical Data	S01-72/500	S01-72/1000
Supply Voltage	1 x 120/230 VAC	3 x 340...550 VAC
Output Voltage	72 VDC (configurable 54...80 VDC)	72 VDC (configurable 56...80 VDC)
Output Power RMS/Boost	480W (720W for 0.5 seconds)	1'000 W (2'000W for 2.0 seconds)
Output Current RMS/Boost		
Height	125 mm	230 mm
Width	62 mm	66 mm
Depth	121 mm	183 mm
Weight	1.0 kg	2.0 kg
Certifications	CE / UL	CE / CSA
Ordering Information		
S01-72/500	Power Supplies 72V/500W	1 x 120/230VAC 0150-1874
S01-72/1000	Power Supplies 72V/1000W	3 x 340...550VAC 0150-1872
New Product	These products are already available	