



Power supply units



Product description

Power supply units from SICK convert AC mains current into the required low-voltage DC voltage and reliably supply electronic sensors with power. They are available in various power levels and designs to suit the specific requirements of different current consumers and the number of connected sensors.

Ordering information

Other models and accessories → www.sick.com/Power_supply_units

Input voltage	Output voltage	Output current	Description	Type	Part no.
–	–	–	Control 500kB Serial to TCP/IP ethernet gateway, 1-port	GTWY-Serial/Ethernet 1-port	6033350
			Contactless switch: 20 V AC/DC ... 250 V AC/DC	ECD-RE-LBVKOS-0001	6038665
				ECD-RE-LBVKOS-0002	6053537
				ECD-RE-LFVKOS-0001	6038669
	–	–	DC/DC converter with connecting cables, input operating voltage range 13 V ... 32 V, output operating voltage 24 V, output power 240 W	DC/DC converter	6044524
			Double relay (DPDT): 20 V DC ... 72 V DC / 20 ... 250 V AC	ECD-RE-LBVREL-0001	6038666
–	–	–	Double relay (DPDT): 20 V DC ... 72 V DC / 20 ... 250 V AC	ECD-RE-LBVREL-0002	6053541
				ECD-RE-LFVREL-0001	6038671
			FSR controller	FSR Controller	7027922
			Laser energy supply	LASER POWER SUPPLY, EUR	1014262
			NO/NC variant: The output signals are one normally open (NO) and one normally closed (NC) set of relay contacts.	AC Conversion Box 1NO/1NC	1046879
			NO/NO variant: The output signals are two normally open (NO) set of relay contacts.	AC Conversion Box 2NO	1050233
			Namur signal: 4.5 V DC ... 12 V DC	ECD-RE-LBVNAM-0001	6038668
				ECD-RE-LBVNAM-0002	6053538
				ECD-RE-LFVNAM-0001	6038670
			PS 120/9V	PS 120/9V	7025716

Input voltage	Output voltage	Output current	Description	Type	Part no.
			PS 51-0000	PS 51-0000	7022896
			PS 51-0000-DNET-GM	PS 51-0000-DNET-GM	7024564
			PS5U-11	PS5U-11	7026203
			PoE injector up to 30 Watt according to IEEE 802.3af, connection type: two RJ45 female connectors, serial transmission rate: 10/100/1,000 MBit/s, rated output voltage: 54 V DC, carrier rail mounting	PoE injector	6075281
			PoE power supply unit	PoE (Dome) power supply unit	6055385
			Power supply 18V to test sensors.With teach-in button to teach sensors with external teach wire, PNP & NPN, with metal and magnet inlays to test cylinder- and magnetic sensors, incl. 2 x 9V batteries	Test box	6038940
			Power supply unit	Chry 03 Power Supply	7023639
			Power supply unit (230 V - 24 V)	Power supply unit (MDA)	6062161
			Power supply unit set consisting of: power supply unit, polycarbonate housing, terminals, fittings	Power supply set	2081372
			Ranger C accessory kit with 24 V power supply, power I/O terminal, cables 3 m, lens and camera mounting parts	Ranger C accessories set	1014313
			Ruler E accessory kit with 24 V power supply, 10 m Gigabit Ethernet cable, T-junction and three M12 cables (2 m) for power I/O and encoder	Ruler E accessories set	1014241
			Terminal box without power supply unit with terminals for the analog outputs and relays of the VISIC100SF/ VISIC50SF	Terminalbox	2069653
			Transistor (PNP/NPN): 10 V DC ... 55 V DC	ECD-RE-LBVPNP-0001	6038667
				ECD-RE-LBVPNP-0002	6053540
				ECD-RE-LFVPNP-0001	6038672
			UK power cord connector (does not fulfill medical standard EN 60334-1)	Power supply unit	6034355

Input voltage	Output voltage	Output current	Description	Type	Part no.
100 V AC ... 240 V AC	5 V DC	–	Universal AC adapter, input 100 ... 240 V AC, output 5 V DC, including the power cable with European plug (does not fulfill medical standard EN 60601/ IEC 60601)	PS-050-2400D1-EU	6034941
			Universal AC adapter, input 100 ... 240 V AC, output 5 V DC, including the power cable with plug-United-Kingdom (does not fulfill medical standard EN 60601/ IEC 60601)	PS-050-2400D1-UK	6034942
		≤ 2 A	Power supply, input AC 100 ... 240 V, output DC 5 V/2 A (necessary when using RS-232 TTL cable, does not fulfill medical standard EN 60601/ IEC 60601))	Power supply unit	6036722
	9 V DC	–	Universal AC adapter, input 100 ... 240 V AC, output 9 V DC, including the power cable with European plug (does not fulfill medical standard EN 60601/ IEC 60601)	PS-090-2000D-EU	6034352
			Universal AC adapter, input 100 ... 240 V AC, output 9 V DC, including the power cable with United Kingdom plug (does not fulfill medical standard EN 60601/ IEC 60601)	PS-090-2000D-UK	6034353
	12 V DC	≤ 4.16 A	Power supply for ZS36xx, battery charger, EA 3600 module (Zebra PWRB-GA12V50W0WW), requires DC and AC line	Power supply unit	4108973
	24 V DC	≤ 1 A	24V power supply unit with ready-to-assemble M12 female connector, 17-pin. Including male connector for Europe, USA, England, Australia	Power supply unit	6075717
			24 V power supply unit with assembled M12 female con-	Power supply unit	6075718
				Product family overview 2025-04-10 15:54:52 Subject to change without notice	

Input voltage	Output voltage	Output current	Description	Type	Part no.
120 V AC	–	–	120 Volt AC input Power Supply for IT 3800 / ST 2000	PS5U-41 power supply	7025981
	24 V DC	–	Power supply/ac adapter, 120VAC to 24VDC, used w/demo case test-box (7022806)	PS-PEDC-1	7022805
120 V AC, 230 V AC	24 V DC	≤ 10 A	–	Power supply	6011156
85 V AC, 170 V AC ... 132 V AC, 264 V AC	24 V DC	≤ 2.5 A	Power supply unit 24 V DC / 2.5 A	Power supply unit	6010361
		≤ 5 A	Power supply DC 24 V / 4 A	Power supply	6010362
88 V AC ... 264 V AC	24 V DC	–	TAD for VISIC100/ VISIC50SF with LC-display, power supply and connec- tion terminals, data transfer: analog and digital, distance to sensor: max. 20 m	TAD100	1069505
			TAD for VISIC100SF/ VISIC50SF with LC display, power sup- ply unit, input and output modules, data transmission: digital (RS-485), distance to sensor: max. 1,200 m for isolated voltage supply for sensor and TAD. Analog outputs are active and differential.	TAD100	1069507

Input voltage	Output voltage	Output current	Description	Type	Part no.
90 V AC ... 255 V AC	5.2 V DC	≤ 1 A	Power supply unit with EU male connector for charging station, 1 A, 5.2 V DC, 90 V AC ... 255 V AC at 50 Hz ... 60 Hz (Honeywell PS-05-1000W-C)	Power supply unit	6064641
			Power supply unit with EU male connector for wired hand-held scanners, 1 A, 5.2 V DC, 90 V AC ... 255 V AC at 50 Hz ... 60 Hz (Honeywell 46-00526)	Power supply unit	6062605
			Power supply unit with NA connector for wired hand-held scanners, 1 A, 5.2 V DC, 90 V AC ... 255 V AC at 50 Hz ... 60 Hz (Honeywell 46-00525)	Power supply unit	6052981
			Power supply unit with NA male connector for charging station, 1 A, 5.2 V DC, 90 V AC ... 255 V AC at 50 Hz ... 60 Hz (Honeywell PS-05-1000W-A)	Power supply unit	6052582
			Power supply unit with UK male connector for charging station, 1 A, 5.2 V DC, 90 V AC ... 255 V AC at 50 Hz ... 60 Hz (Honeywell PS-05-1000W-G)	Power supply unit	6064642
			Power supply unit with UK male connector for wired hand-held scanners, 1 A, 5.2 V DC, 90 V AC ... 255 V AC at 50 Hz ... 60 Hz (Honeywell 46-00870)	Power supply unit	6064640
90 V AC ... 264 V AC	24 V DC	≤ 1.14 A	24 DC Power Supply for Ranger, 90-264 V AC, 1.14 A/24 W, including two line cords (European and US)	Ranger Power Supply	2040591
			24 V DC power supply with 8-pin M 12 connector, 90 ...	Power supply (Ruler E/S)	1014242

Input voltage	Output voltage	Output current	Description	Type	Part no.
			264 V AC, 1.14 A / 24 W, including two line cords (European and US)		
95 V AC ... 264 V AC	24 V DC	–	Terminal box with power supply unit for the VISIC100SF with terminals for the analog outputs and relays of the VISIC100SF/ VISIC50SF	Terminalbox with power supply	2069660
≤ 230 V AC	24 V DC	≤ 10 A	Power supply unit	Power supply unit	6032863
		≤ 20 A	Power supply unit	Power supply unit	6033968

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

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