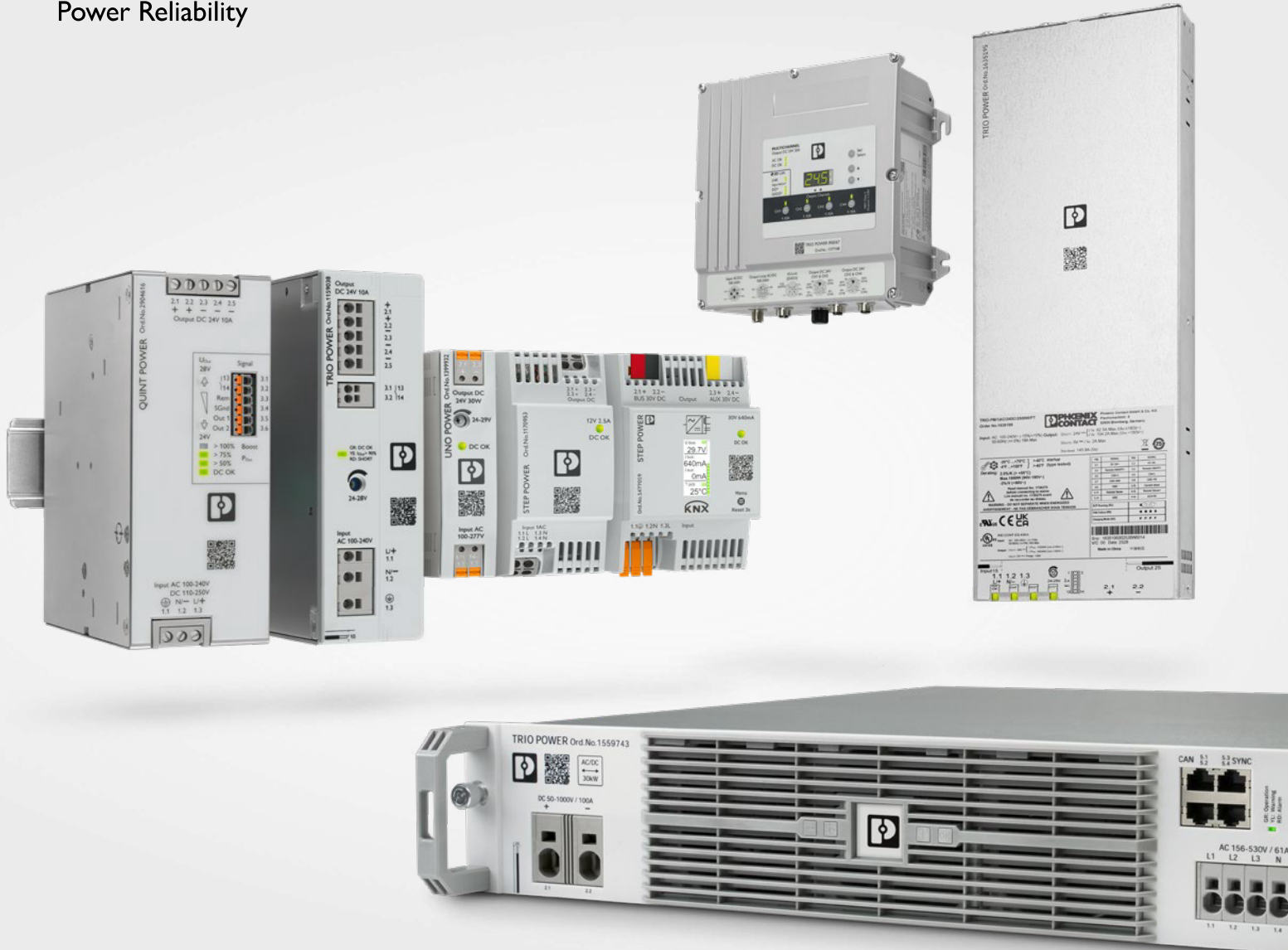




Power Reliability

2026



Power supply solutions

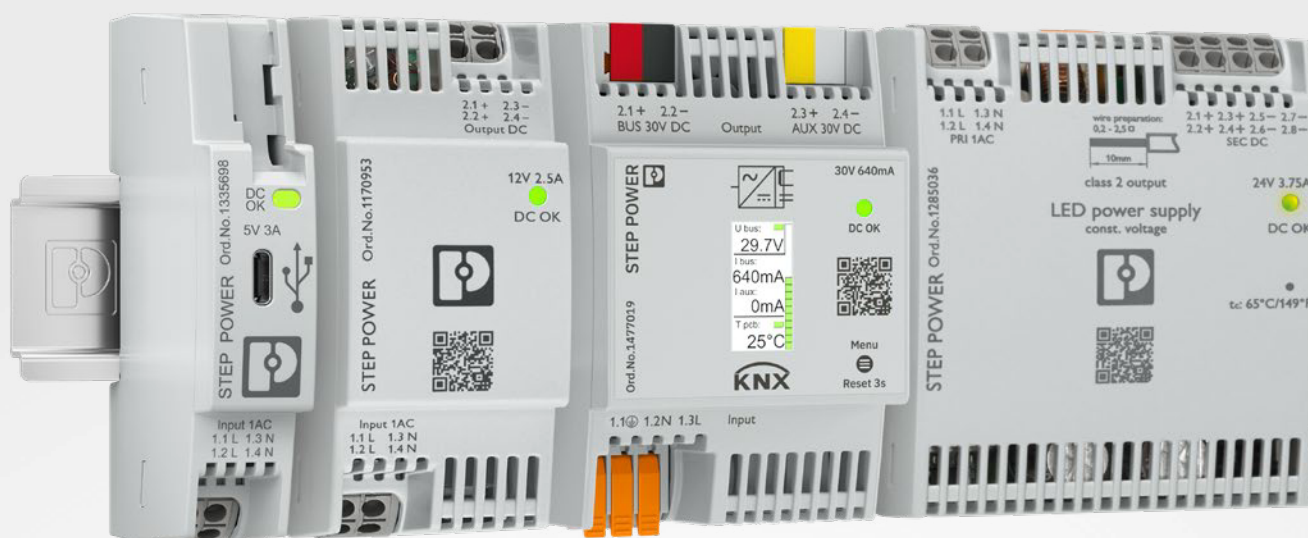
Power supplies, DC/DC converters, redundancy modules, and uninterruptible power supplies



STEP POWER

For building automation

STEP POWER power supplies are optimally tailored to the needs of modern building automation – in both industrial and residential applications. The low no-load losses and high degree of efficiency ensure maximum energy efficiency and meet the requirements of Efficiency Level VI.



Your advantages

- ✓ Energy savings with high efficiency in no-load and part-load operation (Efficiency Level VI)
- ✓ Space savings in the control cabinet with the narrow and low-profile designs combined with increased performance (up to 100%)
- ✓ Approval for household purposes (EN 60335) allows use in domestic applications for the first time
- ✓ Quick and easy startup with tool-free Push-in connection technology
- ✓ Worldwide use with AC and DC wide range input

Technologies and advantages



Extreme ambient conditions

The PCB with protective coating ensures high availability even in demanding ambient conditions as low as -40°C.



Power over Ethernet

The first power supply for small PoE applications with four to eight ports for use in building automation.



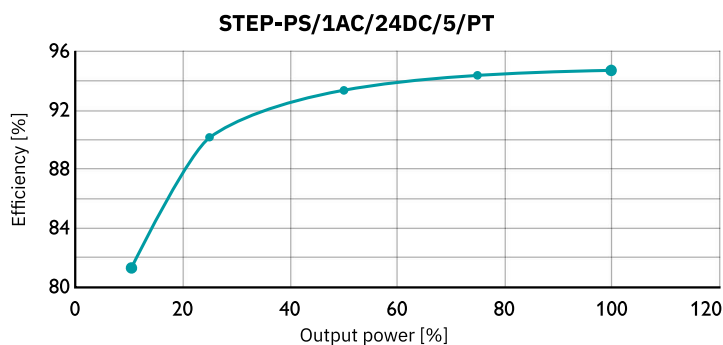
Efficiency in the control cabinet

- AC or DC input: single-phase
- DC output: power up to 120 W
- Voltages: 5, 12, 15, 24, 30, 48 to 56 V DC

Efficiency Level VI and EcoDesign requirement

With low no-load losses of 0.1 W or 0.21 W and a high degree of efficiency, STEP POWER power supplies ensure optimum energy efficiency in buildings. The power supplies satisfy the high efficiency standard requirements, and therefore obtain Efficiency Level VI.

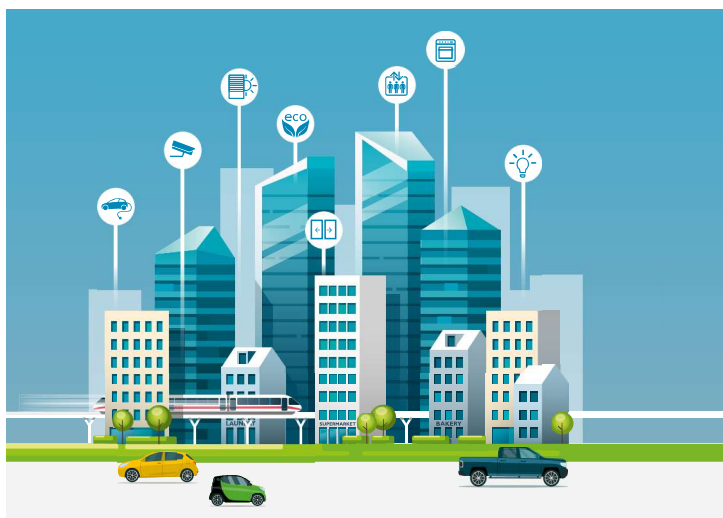
In addition, the requirements of the European EcoDesign directive are also met. The aim of this is to improve energy efficiency and environmental compatibility.



The graph shows an example of the efficiency of the STEP3-PS/1AC/24DC/5/PT over the entire load range from 0 to 100%. From an output power of 25%, the efficiency rises significantly above 90%. With a load of 75%, it even exceeds 94%.

Building automation

Whether for an EV charger by the front door, a sun protection system in an office building, or a bakery oven in the supermarket, power supplies meet stringent requirements for the safety of electrical devices. In addition to the standard industrial approvals, the STEP POWER power supplies are certified for household purposes in accordance with DIN EN 60335-1 for the first time. This is why they are the ideal solution for domestic applications.



3rd generation STEP POWER

STEP POWER, 1~				
				
Input	85 V AC ... 264 V AC 88 V DC ... 350 V DC	85 V AC ... 264 V AC 88 V DC ... 350 V DC	85 V AC ... 264 V AC 88 V DC ... 350 V DC	85 V AC ... 264 V AC 88 V DC ... 350 V DC
W x H x D in mm	18 x 90 x 61	36 x 90 x 61	54 x 90 x 61	72 x 90 x 61
	24 V / 0.63 A¹⁾	24 V / 1.3 A¹⁾	24 V / 2.5 A¹⁾	24 V / 4 A
Type	STEP3-PS/1AC/24DC/0.63/PT	STEP3-PS/1AC/24DC/1.3/PT	STEP3-PS/1AC/24DC/2.5/PT	STEP3-PS/1AC/24DC/4/PT
Item no.	1088495	1088494	1088491	1140066
			15 V / 4 A^{1) 2)}	24 V / 5 A
Type			STEP3-PS/1AC/15DC/4/PT	STEP3-PS/1AC/24DC/5/PT
Item no.			1170956	1088478
	12 V / 1.3 A^{1) 2)}	12 V / 2.5 A^{1) 2)}	12 V / 5 A^{1) 2)}	
Type	STEP3-PS/1AC/12DC/1.3/PT	STEP3-PS/1AC/12DC/2.5/PT	STEP3-PS/1AC/12DC/5/PT	
Item no.	1170952	1170953	1170955	
	5 V / 3 A^{1) 2)}			
Type	STEP3-PS/1AC/5DC/3/PT			
Item no.	1170954			

STEP POWER, 1~				
			 	
Input	85 V AC ... 264 V AC 88 V DC ... 275 V DC	85 V AC ... 264 V AC 88 V DC ... 275 V DC	108 V AC ... 264 V AC 88 V DC ... 275 V DC	
W x H x D in mm	72 x 90 x 43	72 x 90 x 43	72 x 90 x 61	
	24 V / 3.75 A¹⁾	24 V / 3.75 A¹⁾	48 V / 2.5 A	
Type	STEP3-PS/ 1AC/24DC/3.75/PT/FL	STEP3-PS/ 1AC/24DC/3.75/PT/LED	STEP3-PS/1AC/48DC/2.5/PT	
Item no.	1088486	1285036	1285035	

¹⁾ NEC Class 2 output, certified in accordance with UL 1310.
²⁾ Deviating input voltage range: 88 to 275 V DC.

3rd generation STEP POWER

STEP POWER, 1~, USB port			
			
Input	85 V AC ... 264 V AC 88 V DC ... 275 V DC	85 V AC ... 264 V AC 88 V DC ... 275 V DC	85 V AC ... 264 V AC 93.5 V DC ... 300 V DC
W x H x D in mm	18 x 90 x 61	18 x 90 x 61	36 x 90 x 61
	5 V / 3 A / USB-A	5 V / 3 A / USB-C	65 W / USB-PD NEW
Type	STEP3-PS/1AC/5DC/3/PT/USB-A	STEP3-PS/1AC/5DC/3/PT/USB-C	STEP3-PS/1AC/65W/PT/USB-PD
Item no.	1335699	1335698	1769687

STEP POWER, 1~, with PCB with protective coating	
	
Input	85 V AC ... 264 V AC 88 V DC ... 275 V DC
W x H x D in mm	72 x 90 x 43
	24 V / 3.75 A / CO ¹⁾
Type	STEP3-PS/1AC/24DC/3.75/PT/CO
Item no.	1321105

¹⁾ NEC Class 2 output, certified in accordance with UL 1310.

