

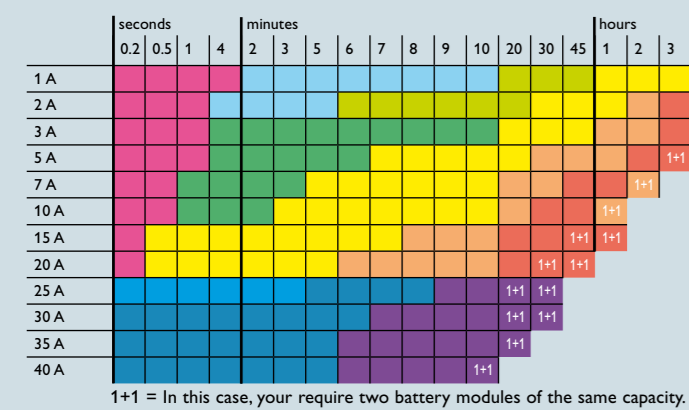
All the advantages at a glance

QUINT POWER
TRIO POWER
MINI POWER
STEP POWER

Choose your power supply:

✓	✓	✓	✓	Worldwide use due to wide-range input and international approval package
✓	✓	✓	✓	High operational reliability thanks to high MTBF > 500.000 h
✓	✓	✓	✓	To connect in parallel to increase power or achieve redundancy
✓	✓	✓	✓	Simplified Start-Up with LED-signaling
✓	✓	✓	✓	Compensation of voltage dips and recharging of batteries based on definable output voltage
✓	✓	✓	✓	Optimum device connection with COMBICON plug connectors (up to and including 10 A)
✓	✓	✓	✓	Proper operation of three-phase devices even with permanent failure of one phase
✓	✓	✓	✓	High operational reliability thanks to long mains failure bridging times > 20 ms
✓	✓	✓	✓	Outdoor installation possible thanks to wide temperature range
✓	✓	✓	✓	Active function monitoring via switching output for remote diagnostics
✓	✓	✓	✓	Reliable starting of heavy loads with power reserve POWER BOOST
✓	✓	✓	✓	Function monitoring via floating relay contact for remote diagnostics

Select your uninterruptible power supply QUINT UPS here:



QUINT POWER 1[~]

Input: 1-phase, 85 to 264 V AC, 90 to 350 V DC

24 V / 2,5 A	24 V / 5 A	24 V / 10 A	24 V / 20 A	24 V / 40 A
QUINT-PS-100-240AC/24DC/2,5 29 38 57 8	QUINT-PS-100-240AC/24DC/5 29 38 58 1	QUINT-PS-100-240AC/24DC/10 29 38 60 4	QUINT-PS-100-240AC/24DC/20 29 38 62 0	QUINT-PS-100-240AC/24DC/40 29 38 87 9
		48 V / 5 A	48 V / 10 A	48 V / 20 A
		QUINT-PS-100-240AC/48DC/5 28 66 25 5	QUINT-PS-100-240AC/48DC/10 29 38 24 8	QUINT-PS-100-240AC/48DC/20 29 38 97 6
		12 V / 10 A		
		QUINT-PS-100-240AC/12DC/10 29 38 81 1		

QUINT POWER 3[~]

Input: 3-phase, 3 x 320 to 575 V AC, 450 to 800 V DC

24 V / 5 A	24 V / 10 A	24 V / 20 A	24 V / 40 A
QUINT-PS-3x400-500AC/24DC/5 29 38 59 4	QUINT-PS-3x400-500AC/24DC/10 29 38 61 7	QUINT-PS-3x400-500AC/24DC/20 29 38 72 7	QUINT-PS-3x400-500AC/24DC/40 29 38 64 6
		48 V / 10 A	48 V / 20 A
		QUINT-PS-3x400-500AC/48DC/10 29 38 21 9	QUINT-PS-3x400-500AC/48DC/20 29 38 22 2

ASI

Input: 85 to 264 V AC, 90 to 350 V DC

30 V / 2,4 A	30 V / 4,8 A
ASI QUINT 100-240/2.4 EFD 27 36 68 6	ASI QUINT 100-240/4.8 EFD 27 36 69 9

EX

Input: 85 to 264 V AC, 90 to 350 V DC

24 V / 5 A	24 V / 10 A
QUINT-PS-100-240AC/24DC/5/EX 29 38 85 3	QUINT-PS-100-240AC/24DC/10/EX 29 38 86 6

Diode

Input: 1-phase, 85 to 264 V AC

24 V / 2 x 30 A / 1 x 60 A
QUINT-DIODE/40 29 38 96 3

STEP POWER

Input: 1-phase, 85 to 264 V AC

24 V / 1,5 A
STEP-PS-100-240AC/24DC/1.5 29 38 94 7
48 V / 0,75 A
STEP-PS-100-240AC/48DC/0.75 29 38 95 0
12 V / 3 A
STEP-PS-100-240AC/12DC/3 29 38 92 1
15 V / 2,4 A
STEP-PS-100-240AC/15DC/2,4 29 38 93 4
5 V / 4 A
STEP-PS-100-240AC/5DC/4 29 38 91 8

QUINT UPS / QUINT BAT

Input: 22.5 to 30 V DC Output: 24 V DC (U_{in} -0.5V) Buffered operation: 27.9-19.2 V DC

24 V / 20 A	24 V / 10 A	24 V / 20 A	24 V / 20 A	24 V / 20 A	24 V / 25 A	24 V / 40 A	24 V / 40 A
QUINT-BUFFER/24DC/20 28 66 21 3	QUINT-DC-UPS/24DC/10 28 66 22 6	QUINT-DC-UPS/24DC/20 28 66 23 9	QUINT-DC-UPS/24DC/20 28 66 23 9	QUINT-DC-UPS/24DC/20 28 66 23 9	QUINT-DC-UPS/24DC/40 28 66 24 2	QUINT-DC-UPS/24DC/40 28 66 24 2	QUINT-DC-UPS/24DC/40 28 66 24 2
Maintenance-free capacitor-based power buffer	With integrated 1.3 Ah battery module	QUINT-BAT/24DC/3.4AH 28 66 34 9	QUINT-BAT/24DC/7.2AH 28 66 35 2	QUINT-BAT/24DC/12AH 28 66 36 5	QUINT-BAT/24DC/3.4AH 28 66 34 9	QUINT-BAT/24DC/7.2AH 28 66 35 2	QUINT-BAT/24DC/12AH 28 66 36 5

MINI UPS / MINI BAT

Input: 1-phase, 85 to 264 V AC, 100 to 350 V DC

24 V / 2 A	24 V / 2 A
MINI-DC-UPS/24DC/2 2866640	MINI-DC-UPS/24DC/2 2866640
MINI-BAT/24DC/0.8AH 2866666	MINI-BAT/24DC/1.3AH 2866417

DC-DC-Converter

Input: 10-32 V DC, 36-75 V DC Input: 18-32 V DC

24 V / 1 A	24 V / 10 A
MINI-PS-12-24DC/24DC/1 28 66 28 4	QUINT-PS-24DC/24DC/10 28 66 37 8
MINI-PS-48-60DC/24DC/1 28 66 27 1	

TRIO POWER 1[~]

Input: 1-phase, 85 to 264 V AC

24 V / 2,5 A	24 V / 5 A	24 V / 10 A	24 V / 20 A
TRIO-PS/1AC/24DC/2.5 28 66 26 8	TRIO-PS/1AC/24DC/5 28 66 31 0	TRIO-PS/1AC/24DC/10 28 66 32 3	TRIO-PS/1AC/24DC/20 28 66 38 1

TRIO POWER 3[~]

Input: 3-phase, 3 x 320 to 575 V AC

24 V / 10 A	24 V / 20 A	24 V / 40 A
TRIO-PS/3AC/24DC/10 28 66 45 9	TRIO-PS/3AC/24DC/20 28 66 39 4	TRIO-PS/3AC/24DC/40 28 66 40 4

MINI POWER

Input: 1-phase, 85 to 264 V AC, (MINI-PS... 90-350 V DC)

24 V / 1,3 A	24 V / 1,5 A	24 V / 2 A	± 15 V / 1 A	24 V / 4 A	24 V / 100 W
MINI-PS-100-240AC/24DC/1,3 28 66 44 6	MINI-SYS-PS-100-240AC/24DC/1.5 28 66 98 3	MINI-PS-100-240AC/24DC/2 29 38 73 0	MINI-PS-100-240AC/2x15DC/1 29 38 74 3	MINI-PS-100-240AC/24DC/4 29 38 83 7	MINI-PS-100-240AC/24DC/C2LPS 28 66 33 6
5 V / 3 A	24 V / 1,5 A		10-15 V / 2 A		10-15 V / 8 A
MINI-PS-100-240AC/5DC/3 29 38 71 4	MINI-PS-100-240AC/24DC/1.5/EX 28 66 65 3		MINI-PS-100-240AC/10-15DC/2 29 38 75 6		MINI-PS-100-240AC/10-15DC/8 28 66 29 7

* Optional, for supplying further modules of the same system with a regulated 24 V DC voltage, two are required per power supply unit.



Innovative Power Supply Units

Power Supply Units from PHOENIX CONTACT – Power for all applications

The performance and reliability of a power supply is critical to the operation of today's complex control systems. Phoenix Contact power supplies are designed to meet and exceed the demands of modern control systems in order to ensure optimum system performance.

The following features and benefits are among the many advantages of Phoenix Contact power supplies.

- Worldwide use due to wide-range input and international approvals
- High system reliability due to long mains failure bridging times with full load and high MTBF > 500.000 h
- To connect in parallel to increase power or achieve redundancy
- Simplified Start-Up with LED-signaling



MINI and STEP POWER

Power compact Mini Power for decentralised automation

- Modular electronic housings for uniform appearance in process measuring and control technology
- Flexibility due to special output voltages and special versions
- Optimum device connection with COMBICON plug connectors

Step Power for installation distributors and flat operator panels

- Two-stage housings for building technology

TRIO POWER

Power pure for series applications

- Basic functionality at highest level for 24 V DC
- Operational reliability thanks to high voltage resistance up to 300 V AC
- Reliable supply with nominal values even with high ambient temperatures up to 55°C
- Comfortable secondary grounding through third minus terminal block
- Compensation of voltage dips and recharging of batteries based on adjustable output voltage

QUINT POWER

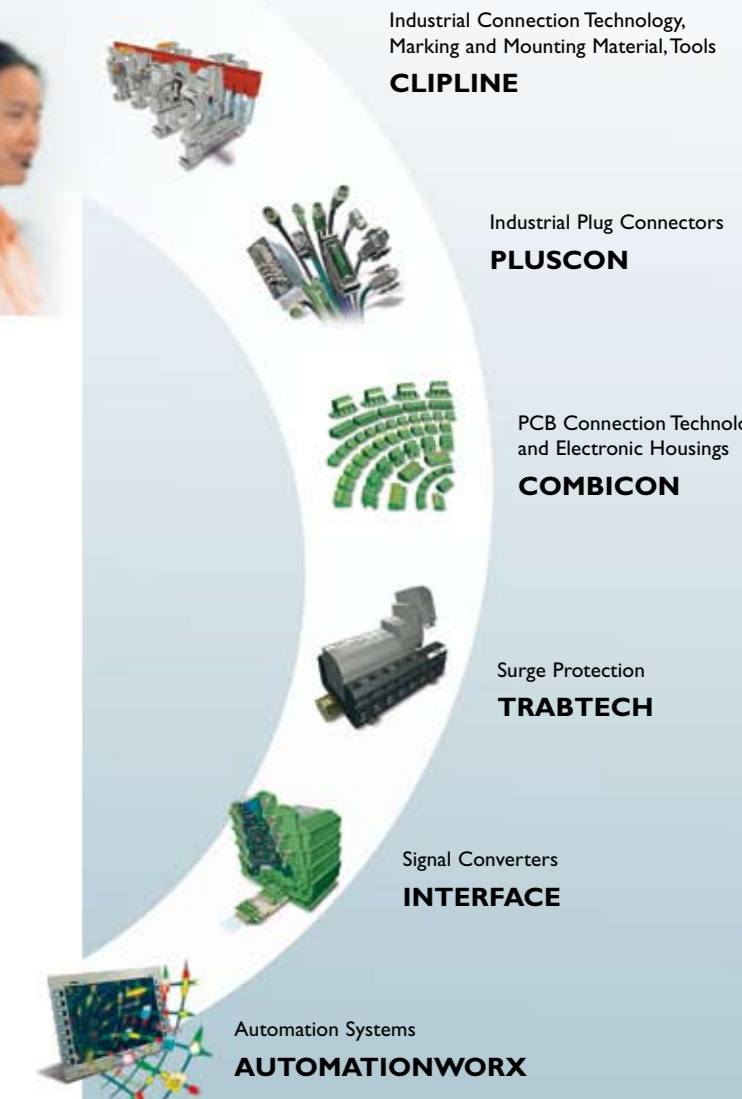
Power perfect for systems and special machine engineering

- Universal power supply with wide product range including special versions and accessories
- Reliable starting of heavy loads with high inrush currents with power reserve POWER BOOST
- Worldwide use in all sectors of industry with extended approvals
- High operational reliability of three-phase devices even with permanent failure of one phase
- Active function monitoring with switching output and function monitoring via floating relay contact for remote diagnostics
- Uninterruptible solutions DC-UPS 10, 20 and 40 A and maintenance-free buffer module

Further information on the products introduced here and on the world of solutions from Phoenix Contact can be found at www.catalog.phoenixcontact.com



Or contact us directly!



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