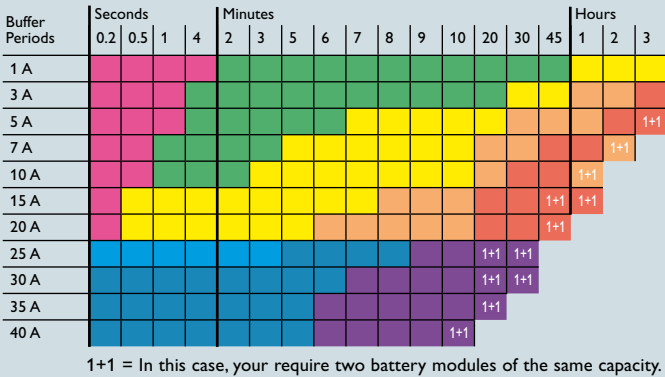


All the advantages
at a glance

QUINT POWER 1~				Choose your power supply:
QUINT POWER	TRIO POWER	MINI POWER	STEP POWER	
✓	✓	✓	✓	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
✓				Preventive function monitoring via floating relay contact for remote diagnostics

Select your uninterruptible power supply
QUINT UPS here:



PHOENIX CONTACT

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 UPS							
Input: 22,5 to 30 V DC Output: 24 V DC (U _{in} -0,5 V) 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

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 Delivery from 3. quarter 2006		
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

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

DC-DC-Converter		
Input: 10 - 32 V DC Input: 36 - 75 V DC Input: 18 - 32 V DC		
24 V / 1 A	24 V / 1 A	24 V / 10 A
MINI-PS-12-24DC/24DC/1 28 66 28 4	MINI-PS-48-60DC/24DC/1 28 66 27 1	QUINT-PS-24DC/24DC/10 28 66 37 8

MINI POWER					
Input: 1-phase, 85 to 264 V AC, (MINI-PS... 90 to 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	DIN rail bus connector		10-15 V / 2 A		10-15 V / 8 A
MINI-PS-100-240AC/5DC/3 29 38 71 4	ME 17,5 TBUS 1.5/5-ST-3,82 GN 27 09 56 1		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.

Accessory	
24 V / 2 x 30 A / 1 x 60 A	24 V / 2 x 30 A / 1 x 60 A
QUINT-DIODE/40 29 38 96 3	UWA 182/52 29 38 235
	ECP and ECP-E in CLIPLINE product catalogue For selective safe guarding of DC-circuits

STEP POWER	
Input: 1-phase, 85 to 264 V AC, 110 to 350 V DC	
	48 V / 0,75 A
STEP-PS-100-240AC/48DC/0.75 29 38 95 0	
24 V / 1,5 A	15 V / 2,4 A
STEP-PS-100-240AC/24DC/1.5 29 38 94 7	STEP-PS-100-240AC/15DC/2,4 29 38 93 4
12 V / 3 A	5 V / 4 A
STEP-PS-100-240AC/12DC/3 29 38 92 1	STEP-PS-100-240AC/5DC/4 29 38 91 8



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 preventive function monitoring via floating relay contact for remote diagnostics
- Uninterruptible solutions DC-UPS 10, 20 and 40 A and maintenance-free buffer module



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