

UPS
Model:

YP-Conci and YP-Conci Plus

(10 kVA - 40 kVA)



Frequency	Phase	Power Factor	Power (VA)	Rated Voltage
40 - 70 Hz	3	0.9 / 1	10 - 40 kVA	400V

Additional Information

- The YP-Conci 10-40 kVA three-phase UPS is an ideal solution for space-constrained environments, designed to be compact and easy to maneuver with practical wheels and small dimensions of 26 W x 85 D x 89 H cm.
- With a Power Factor of 1, the YP-Conci 10-40 kVA offers superior efficiency, optimized power usage, reduced heat output, and compatibility with sensitive equipment, ensuring reliable and cost-effective power protection.
- The YP-Conci 10-40 kVA is also highly efficient and sustainable, featuring the patented GLM[®] function, which optimizes system performance by managing generative loads such as elevators, motor drivers, and CNC machines to ensure the most efficient operating conditions.
- This UPS model supports lithium-ion batteries and other technologies, offering maximum efficiency and versatility with the smallest footprint in its class.
- Additionally, the YP-Conci 10-40 kVA is generator-friendly, extending generator lifespan and improving fuel efficiency by regulating power fluctuations and ensuring smooth transitions. It stabilizes voltage and frequency, reduces generator load, and enables the use of smaller generators, providing reliable power, business continuity, and cost savings.
- With up to 95% efficiency in online mode and 98% in Eco mode, the YP-Conci 10-40 kVA minimizes energy consumption, ensuring low operational costs.

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MODEL		YP-Conci 10 3/1	YP-Conci 15 3/1	YP-Conci 20 3/1	YP-Conci 10 Plus	YP-Conci 15 Plus	YP-Conci 20 Plus	YP-Conci 30 Plus	YP-Conci 40 Plus	
POWER	kVA	10	15	20	10	15	20	30	40	
	kW	9	13.5	18	10	15	20	30	40	
INPUT	Rated Voltage	400V three-phase+neutral								
	Voltage Tolerance	±20% @100% load, -40/+20% @50% load								
	Frequency	40 - 70 Hz								
	Power Factor	≥ 0,99								
	Current distortion (THD)	3/1	≤ 5% at full load		≤ 3% at full load					
		3/3	≤ 3% at full load							
OUTPUT	Rated Voltage	3/1	220/230/240 V single-phase+neutral		380/400/415 V three-phase+neutral					
		3/3	380/400/415 V three-phase+neutral							
	Voltage stability	±1% (static load)								
	Frequency	50/60 Hz								
	Frequency stability	±0,01% (free running)								
	Power Factor	0,9				1				
	Crest factor	3:1								
	Voltage distortion	≤2% with linear load, ≤5% with distorting load								
Overload	110% for 60 minutes, 125% for 10 minutes, 150% for 1 minute									
EFFICIENCY	VFI mode	Up to 95%								
	ECO mode	Up to 98%								
	In battery	Up to 94%								
GENERAL	Parallel connection	Up to 6 units								
	Dimensions (WxDxH) mm	Standard	260x850x890						440x850x1570	
		Plus								
	Weight (kg)	Standard	74	76	76	74	76	76	85	88
		Plus				142	144	144	145	148
Protection	IP20									
BATTERY	Number per string (batt 12V)	26-40 config	32-40 configurable		26-40 config	32-40 configurable				
	Max interal battery quantity	Standard	40 batteries 12V/7-9 Ah					N/A		
		Plus					160 batteries 12V/7-9 Ah		120 batteries 12V 7/9 Ah	
	Max. charging current*		10A	15A	21A	10A	15A	21A	30A	39A
Common battery for parallel configuration	Supported									
ENVIRONMENTAL PARAMETERS	Operating temperature**	0-40°C								
	Relative humidity	0-95% (non-condensing)								
	Altitude (a.s.l)	<1000 m with no power derating, >1000 m with 1% derating for every 100 m.								
	Audible noise at 1 m	<52 dBA							<55 dBA	
CONNECTIVITY	Built-in communication ports	USB, RS232, EPD, 1 in/3 out dry contact relays (programmable) and additional slots for optional cards								
	User interface	4.3" colour LCD touch screen display with removable SD card								
	Optional accessories	Cards: SNMP, RS-485 ModBus, 6 in/6 out dry contact relays, touch panel for remote monitoring								
REGULATIONS	Standards	IEC EN 62040-1, IEC EN 62040-2, IEC EN62040-3								
	Marking	CE, UKCA								
BYPASS	Rated Voltage	3/1	220/230/240 V single-phase+neutral		380/400/415 V three-phase+neutral					
		3/3	380/400/415 V three-phase+neutral							
	Voltage tolerance	Basic window ±10% (programmable ±5% - ±15%) Critical window ±25% (programmable ±16% - ±30%)								
	Frequency	50/60 Hz								
Frequency tolerance	±1 Hz / ±3 Hz (selectable)									

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