

Online Industrial UPS

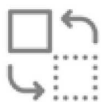
10 kVA to 800 kVA

True double-conversion

Modular design

Protection category IP54

Easy wiring



توسعه به صورت Parallel



قابلیت مانیتورینگ



نمایشگر LCD



نصب مازولار



یوپی اس صنعتی



یوپی اس Online

ویژگی‌ها

- محدود توان از ۱۰ تا ۸۰۰ کیلو ولت آمپر
- یوپی اس با توپولوژی آنلاین و تبدیل دوگانه
- یوپی اس صنعتی با درجه حفاظت تا IP ۵۴
- مطابق با استاندارد IEC 62040-3 - VFI-SS-111
- دارای ورودی و خروجی ۳ فاز
- محدوده وسیع ولتاژ و فرکانس ورودی
- دارای کنترل شارژ پیشرفته با قابلیت انواع تست باتری
- دارای نمایشگر LCD
- طراحی بهینه به منظور اشغال کمترین فضای ممکن
- پورت‌های ارتباطی RS232 و RS485
- مجهز به مدار اصلاح ضریب توان ورودی
- امکان توسعه یا افزایش توان به صورت پارالل
- راندمان بالا

جدول مشخصات فنی یوپی اس آر شا پندار مدل Online Industrial series

POWER	10	15	20	30	40	60	80
INPUT							
Nominal voltage	380 - 400 - 415 Vac Three-phase						
Voltage tolerance	400 V + 20% /- 25%						
Frequency	45 ÷ 65 Hz						
Soft start	0 ÷ 100% in 30'' (selectable)						
Permissible frequency tolerance	± 2% (selectable from ± 1% to ± 5% from front panel)						
Standard equipment provided standard	Back Feed protection; separable bypass line						
BATTERIES							
Type	open lead acid and VRLA AGM / GEL; NiCd.						
Residual ripple voltage	< 1%						
Temperature compensation	-0.5 Vx°C						
Typical charge current	0.2 x C10						
OUTPUT							
Nominal power (kVA)	10	15	20	30	40	60	80
Active power (kW)	9	13,5	18	27	36	54	72
Number of phases	3 + N						
Nominal voltage	380 - 400 - 415 Vac Three-phase + N						
Static stability	± 1%						
Dynamic stability	± 5% in 10 ms						
Voltage distortion	< 1% with linear load / < 3% with non-linear load						
Crest factor (Ipeak/Irms)	3:1						
Frequency stability on battery	0.05%						
Frequency	50 or 60 Hz (selectable)						
Overload	110% for 60'; 125% for 10'; 150% for 1'						
INFO FOR INSTALLATION							
Weight without internal batteries (kg)	212	220	230	280	330	450	600
Dimensions (hwd) (mm)	1400 x 555 x 740					1400 x 800 x 740	
Remote signals	voltage-free contacts						
Remote controls	ESD and bypass						
Communication	Double RS232 + remote contacts + 2 slots for communications interface						
Ambient temperature	0°C / +40°C						
Relative humidity	< 95% non-condensing						
Colour	Dark grey RAL 7016						
Noise level at 1 m (dBA)	54		60		62		
Protection level	IP20						
Smart Active Output	up to 98%						
Regulations	Regulatory Directives LV 2006/95/EC - 2004/108/EC; IEC Safety EN 62040-1; EMC IEC EN 62040-2; IEC Performance EN 62040-3						
Classification according to IEC 62040-3	(Voltage Frequency Independent) VFI - SS - 111						

* Also available with internal batteries

MODELS	100	120	160	200	250	300	400	500	600
INPUT									
Rated voltage [V]	380 / 400 / 415 three-phase								
Voltage tolerance [V]	400 ±20% @ full load¹								
Frequency [Hz]	45 - 65								
Power factor	>0.99								
Harmonic current distortion [THDi]	<3%								
Soft start	0 - 100% in 120 s (selectable)								
BYPASS									
Rated voltage [V]	380 / 400 / 415 three-phase + N								
Rated Frequency [Hz]	50 or 60 (selectable)								
Frequency tolerance	±2% (selectable from ±1% to ±5%)								
Standard equipment provided	Backfeed protection; separable bypass line								
OUTPUT									
Nominal power [kVA]	100	120	160	200	250	300	400	500	600
Active power [kW]	90	108	144	180	225	270	360	450	540
Number of phases	3 + N								
Rated voltage [V]	380¹ / 400 / 415 three-phase + N (selectable)								
Static stability	±1%								
Dynamic stability	EN 62040-3 class performance 1 non-linear load								
Voltage distortion	<1% with linear load / <3% with non-linear load								
Crest factor [Ipeak/Irms]	3:1								
Frequency stability on battery	0.05%								
Frequency [Hz]	50 or 60 (selectable)								
Overload	110% for 60 min; 125% for 10 min; 150% for 1 min								
BATTERIES									
Type	VRLA AGM/GEL/NiCd/Li-ion/SuperCaps								
Recharging method	One level, Two level, Cyclic recharge (selectable)								
Battery arrangement (parallel systems)	Separate/Common								
OVERALL SPECIFICATIONS									
Weight [kg]	700	755	830	956	1060	1500	1720	2525	2700
Dimensions (WxDxH) [mm]	800x850x1900		1000x850x1900			1500x1000x1900		2100x1000x1900	
Remote signals	1x opto insulated Input and 3x relays Outputs								
Auxiliary signals	R.E.P.O. - External manual bypass - External output switch								
Communications	UPS status LEDs - Graphic display - 2 slots for communications interface - 2x RS232								
Ambient temperature for the UPS	0 °C - +40 °C								
Recommended temperature for battery life	+20 °C - +25 °C								
Range of relative humidity	5-95% non-condensing								
Colour	RAL 7016								
Noise level at 1 m [dBA ±2] ECO Mode	65		68			72			
IP rating	IP20								
ECO Mode efficiency	up to 98%								
Standards	European directives: LV 2014/35/EU low voltage Directive EMC 2014/30/EU electromagnetic compatibility Directive Standards: Safety IEC EN 62040-1; EMC IEC EN 62040-2; RoHS compliant Classification in accordance with IEC 62040-3 (Voltage frequency Independent) VFI - SS - 111								
Moving the UPS	Pallet jack								

¹ For wider tolerance conditions apply.