

A **Série Online Rack** com microprocessador e Real Double Conversion garante um sinal estável e limpo a todos os equipamentos conectados.

Permite a instalação de bancos de baterias externos em todas as suas referências, e possui tomadas RJ45 protegidas, que oferecerão proteção contra sobretensões e ruídos elétricos para sua conexão telefônica/ADSL/Ethernet.



Data Sheet

Reference	PH 9310	PH 9315	PH 9320	PH 9330
Power	1000 VA / 900 W	1500 VA / 1350 W	2000 VA / 1800 W	3000 VA / 2700 W
Input				
Low Line Transfer	160 VAC/140 VAC/120 VAC/110 VAC± [100%-80% / 80%-70% / 70%-60% / 60%-0% Load]			
Low Line Comeback	170 VAC/150 VAC/130 VAC/120 VAC ± 5 %			
High Line Transfer	150 VAC ± 5 % o 300 VAC ± 5 %			
High Line Comeback	145 VAC ± 5 % o 290 VAC ± 5 %			
Frequency Range	45 Hz ~ 55 Hz o 56 Hz ~ 65 Hz			
Phase	Single phase + neutral			
Power Factor	≥ 0.99 @ 200-230 VAC o 100-120 VAC			
Output				
Output voltage	200/208/220/230/240 VAC			
AC voltage regulation	± 1%			
Frequency Range Sync / Bat	48~52 Hz 58~624 Hz / 50 Hz ± 0.2 Hz or 60 Hz ± 0.3 Hz			
Current Crest Ratio	3:1 (max.)			
Harmonic distortion	≤ 2 % THD (linear load) / ≤ 8 % THD (no line load)			
Overload Protection CA / Bat	100%~110%: 10 min. 110%~130%: 1min. >130%: 1 sec / 100%~110%: 30 sec. 110%~130%: 10 sec. >130%: 1 sec.			
Transfer time (CA / BYPASS)	0 ms / 4 ms (Típico)			
Waveform (Batt.)	Pure Sine			
AC / Bat Efficiency	90 % / 89 %	90 % / 89 %	91 % / 89 %	91 % / 89 %
Battery				
Quantity / Type / No.	2x 12V / 9Ah	3x 12V / 9Ah	4x 12V / 9Ah	6x 12V / 9Ah
Charging time (90%)	4 h	4 h	4 h	4 h
Charging Current / Voltage	1.0 A (Max.) / 27.4 VDC ± 1%	1.0 A (Max.) / 41.1 VDC ± 1%	1.0 A (Max.) / 54.8 VDC ± 1%	1.0 A (Max.) / 82.1 VDC ± 1%
Characteristics				
Dimensions (DxWxH)	410 x 438 x 88 (2U)	410 x 438 x 88 (2U)	510 x 438 x 88 (2U)	630 x 438 x 88 (2U)
Weight (Kg)	11.6	14.5	19.5	27.4
Operating humidity	20 - 90 % sin condensación @ 40° C			
Noise level	< 50dBA @ 1 metro			

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* Reduce the capacity of the UPS to 60% in the operation of a frequency converter and 80% when the output voltage has been set to 200/208VAC.