

# HR Series

3/1 Online UPS



HIGH EFFICIENCY



CLEAN ENERGY



ECO-FRIENDLY TECHNOLOGY



ALL DEVICES COMPATIBLE



*3:1 Rack Online UPS series, full DSP with control technology double conversion online UPS. high entry and output power factor, auto-adjusted. Includes output frequency and network management features. Serie produced as 15kVA and 20kVA.*

*3:1 Rack Online UPS serisi, tam DSP kontrol teknolojisine sahip çift çevrim online UPS'dir. Yüksek giriş ve çıkış güç faktörü, otomatik ayarlı çıkış frekansı ve ağ yönetimi özelliklerini içerir. Seri 15kVA ve 20kVA olarak üretilmektedir.*



HR31XL Series

Technical Specifications	HR31XL Series	
Model	HR3115XL	HR3120XL
<b>INPUT</b>		
Cold Start	Yes	
Phase	Three Phase In, Single Phase Out	
Acceptable Input Voltage	L-L 190VAC~499VAC	
Input Current		
Rating (Nominal Input Voltage)	25A/380V	33A/380V
Input Power Factor	≥0.99	
Input Current Distortion	≤4%	
Input Frequency Range	40~70Hz	
<b>OUTPUT</b>		
Frequency Adaptable	Settable	
Power	15 kVA / 15 kW	20 kVA / 20 kW
Output Power Factor	1	
Waveform (Bat. Mode)	Pure Sine Wave	
Nominal Voltage	L-N 220VAC/230VAC/240VAC, 200VAC/208VAC	
Bypass Input system	Common Input (Split Bypass Is Optional)	
<b>EFFICIENCY</b>		
Line Mode With Battery Full Charged	94.2% @100% Load, 95% @70% Load	94.2% @100% Load, 95% @50% Load
ECO Mode	98.0%	
Noise (1M Away)	<62dB	<62dB
Overload Capability (Inverter)	105% to 110% : Transfer to Bypass After 10 mins. 111% to 125% : Transfer to Bypass After 1 mins. 126% to 150%: Transfer to Bypass After 30s	
<b>BATTERY</b>		
Quantity	16-20PCS Settable	16-20PCS Settable
DC Voltage	192VDC Default, Settable	
Charging Current (max)	5A Max, Settable	
<b>SYSTEM</b>		
Display	LED+LCD	
Working Storage	-40~70°C	
Working	0~40°C, Humidity 95% Non Condensation, Attitude <3000m (@Full Load)	
<b>SIZE &amp; WEIGHT</b>		
Size (WxDxH) [mm]	438x744x173(4U)	
Net Weight [kg]	30	
Package Weight [kg]	33	
Color	Black Default	