

# Single Phase - 380 X 480 Volt

## Input & Output Voltages (Nominal)

Line - Line  
380-400-415  
480

Frequency (Hz)  
50 / 60  
60

Selectable Output Voltage  
375 to 455  
430 to 530

## Narrow Range

Input Correction Range: -20% to +10% of selected output voltage

304 to 418 volts with the output set at 380 volts  
384 to 528 volts with the output set at 480 volts

Rated Load			Model Number (base unit)	Max. Input Amps	Recovery Rate † (seconds / %)	Approximate Weights				Enclosure
Amps	kVA at 380 V	kVA at 480 V				Pounds		Kilograms		
						Net	Ship	Net	Ship	
<b>Floor Mount Units</b>										
* 15	5.7	7.2	WHR24NSR12	20	0.026	282	332	128	151	C
* 28	10	13	WHR24NSS12	35	0.026	356	406	161	184	C
65	25	30	WHR24NST12	80	0.110	344	394	156	179	C
130	50	60	WHR24NST14	160	0.170	544	594	247	269	E
195	75	90	WHR24NST16	240	0.170	727	777	330	352	F
260	100	125	WHR24NST24	320	0.220	946	1,046	429	474	DPLUS
325	125	150	WHR24NST25	400	0.340	1,120	1,220	508	553	EPLUS
390	150	185	WHR24NST26	480	0.340	1,329	1,429	603	648	FPLUS
455	175	215	WHR24NST27	560	0.340	1,461	1,561	663	708	FPLUS
520	200	250	WHR24NST28	640	0.670	1,593	1,693	723	768	FPLUS
585	225	275	WHR24NST29	720	0.670	1,784	1,884	809	855	GPLUS
780	300	375	WHR24NST38	960	0.670	2,287	2,387	1,037	1,083	FF
<b>19-Inch Rack Mount Units</b>										
#* 15	5.7	7.2	WHR24NSR12R-CB	20	0.026	125	155	57	70	R2
#* 28	10	13	WHR24NSS12R-CB	35	0.026	199	229	90	104	R2
# 65	25	30	WHR24NST12R-CB	80	0.110	187	217	85	98	R2

## Wide Range

Input Correction Range: -30% to +15% of selected output voltage

266 to 437 volts with the output set at 380 volts  
336 to 552 volts with the output set at 480 volts

Rated Load			Model Number (base unit)	Max. Input Amps	Recovery Rate † (seconds / %)	Approximate Weights				Enclosure
Amps	kVA at 380 V	kVA at 480 V				Pounds		Kilograms		
						Net	Ship	Net	Ship	
<b>Floor Mount Units</b>										
* 21	8.0	10	WHR24WSS12	30	0.025	356	406	161	184	C
36	13	17	WHR24WST12	50	0.066	344	394	156	179	C
72	27	35	WHR24WST14	100	0.099	544	594	247	269	E
108	40	50	WHR24WST16	150	0.099	727	777	330	352	F
145	55	70	WHR24WST24	200	0.130	946	1,046	429	474	DPLUS
180	65	85	WHR24WST25	250	0.200	1,120	1,220	508	553	EPLUS
215	80	100	WHR24WST26	300	0.200	1,329	1,429	603	648	FPLUS
250	95	120	WHR24WST27	350	0.200	1,461	1,561	663	708	FPLUS
290	105	135	WHR24WST28	400	0.390	1,593	1,693	723	768	FPLUS
325	120	150	WHR24WST29	450	0.390	1,784	1,884	809	855	GPLUS
430	160	200	WHR24WST38	600	0.390	2,287	2,387	1,037	1,083	FF
<b>19-Inch Rack Mount Units</b>										
#* 21	8.0	10	WHR24WSS12R-CB	30	0.025	199	229	90	104	R2
# 36	13	17	WHR24WST12R-CB	50	0.066	187	217	85	98	R2

### Notes:

Listed model numbers, weights and enclosures are for base units. Options may increase weights and enclosure sizes.

\* Due to their fast recovery times, the maximum output accuracy for these units is 1.5%.

# These are 19 inch rack mounted units equipped with an input circuit breaker. Other options are only available on a special order basis; contact factory.

† Recovery rates shown are for 60 Hz operation, for 50 Hz, multiply by 1.2.