

Tower Model Specifications

GENERAL			
Model Number	VTRN-0700-C1	VTRN-1000-C1	VTRN-1500-C1
Rated Capacity	700VA / 490W	1000VA / 700W	1500VA / 1050W
Technology	True on-line, double conversion topology with integral automatic bypass		
INPUT			
Phase	Single phase plus ground		
Bypass Voltage	96 – 138 VAC (user selectable)		
Input Voltage Range	60 / 70 / 80VAC – 144 VAC (60V @ 40%, 70V @ 70%, 80V @ 100% load)		
Frequency	50 / 60 Hz Auto sensing		
AC Frequency Range	45 – 65 Hz		
Input Current (120V)	5.8A	8.2A	12.4A
Input Power Factor	0.97		
OUTPUT			
Output Voltage	110 / 115 / 120/ 127 VAC		
Voltage Regulation	± 2%		
Voltage Distortion	< 5% THD with non-linear loads, < 3% THD with linear loads		
Frequency Regulation	± 0.25 Hz (while on battery or in free run mode)		
Dynamic Response	± 9 % max from 100% to 20 % or from 20% to 100 % linear load		
Overload Capacity	100 – 125% for 1 min, 125 – 150 % for 10 sec		
Efficiency	Greater than 93% (HE Mode), Greater than 88% (On-line Mode)		
Crest Factor	3 : 1		
PHYSICAL			
Input (AC) Connection	Fixed power cord (std) or Hardwire Terminals (optional)		
Output (AC) Connection	6 x NEMA 5-15R (std) or Hardwire Terminals (optional)		
Dimensions in /mm W x D x H	6 x 16.5 x 9.4 / 152 x 420 x 238		
Weight lbs / kg (net)	17 / 7.7	19 / 8.6	20 / 9
Operating Temperature Range	-40° C to +60° C / -40° F to 140° F		