

## Specification Sheet :

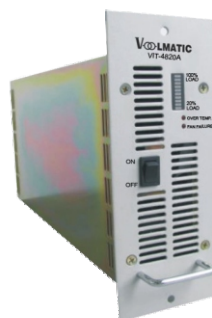
MODELS	VIT 1000	VIT 2000
<b>INVERTER MODULE RATED POWER</b>	1000 VA	2000 VA
The Number of Parallel Modules (pcs)	20	
<b>DC INPUT</b>		
Input Voltage (VDC)	48	
Input DC Voltage Range (VDC)	41 ~ 58 ±1 VDC	
<b>AC OUTPUT</b>		
Rated capacity (KVA)	1 ~ 40	
Rated Voltage	220VAC	
Frequency Output	60 Hz - 50 Hz / 110VAC	
Rated Power Output	0.7 ~ 28	
Output Voltage Accuracy ( V )	220 ± 3 %	
Output Frequency Stability And Accuracy ( Hz )	50 ± 0.5	
Waveform distortion ( THD )	Resistive load ≤ 3% , non-linear load (PF = 0.7) ≤ 5%	
Dynamic Response Load ( 0 ← → 25% )	Voltage drop <10% , <60MS	
Power Factor ( PF )	0.7	
Overload	Rated input voltage, load current 150% rating, the overload of work duration ≥ 10s Rated input voltage, load current 125% rating, the overload of work duration ≥ 10min	
Peak Factor ( CF )	3 : 1	
Inverter efficiency (80% resistive load )	> 85%	
<b>WORK ENVIRONMENT</b>		
Dielectric Strength (Input and Output)	1500VAC , 1 Minute, No Breakdown No Arc	
Noise (1 m)	Noise ≤ 55dB	
Ambient Temperature	-5 °C~ +40 °C	
Humidity	0 ~ 90 % non-condensing	
With Altitude ( M )	≤3000M; 3000M More, each increase 1000M Power reduction of 10%	
<b>ELECTROMAGNETIC COMPATIBILITY</b>		
Conducted Interference	EN55022 CLASS-A	
Radiated Interference	EN55022 CLASS-A	
<b>OVERLOAD</b>	Input Undervoltage, Overvoltage Protection, Output Overload Protection, Output Short Circuit Protection, Thermal Protection	
<b>Dimensions (W × D × H mm )</b>	483 × 448 × 177	600 × 600 × 2000
<b>Weight ( kg )</b>	13 ~ 416	



**VIT-M**  
Main Driver



**VIT-4810A**



**VIT-4820A**



**Parallel Inverter Module**