

Comparison with Motor Generator Set and Motor Driven Variable Transformer			
	AFC Series	Motor Generator Set	Motor Driven Variable Transformer
Adjust Output Voltage	✓		✓
Select Output Frequency	✓	✓	
Adjust Wide Frequency Range	✓		
Static Type without Moving Part	✓		
Low Noise suitable for Indoor lab	✓		
Response Time for setting new V or Hz	Fast		Slow
Isolate Harmonics from Grid System	✓		
Regulate Output V or Hz when load change	✓		
Regulate Output V of Hz when grid change	✓		
Output Harmonic Distortion	<1 to 2%	<4 to 5%	Same as Input Grid
Full Load Efficiency	85-90%	70-80%	
Suitable for Outdoor or server applications		✓	
Overload Capability	Option	✓	✓
Maintenance	Little or no preventative maintenance other than cleaning fans, exhausts	Preventive maintenance is required, e.g., bearing maintenance, belt replacement	Preventative maintenance is required, e.g. bearing maintenance, belt replacement