

AC POWER SOURCE

AFC series(MPWM TYPE)



■ FEATURE

- Multi-P.W.M (Pulse Width Modulation) Type
- Digital Control
- I.G.B.T High Frequency Switch
- High Efficiency & Low Audible Noise
- Constant Voltage : $\pm 1\%$
- Constant Frequency : $\pm 0.1\%$

■ APPLICATIONS

- Develop, Production, Test, etc. for Electric and Electronic Equipment
- Frequency Conversion in various Laboratory
- Test for Reliability
- Test for Transformer
- Test and Inspection for Motor
- Standard AC Power Source
- All Test Apparatus requiring Constant Voltage and Frequency

■ Technical Specification

MODEL	AFC-2K	AFC-3K	AFC-5K	AFC-7.5K
Output Capacity	2KVA	3KVA	5KVA	7.5KVA
Circuit Type	M.P.W.M (Multi Pulse Width Modulation)			
Input Voltage	100V / 110V / 115V / 120V / 200V / 220V / 230V / 240V / 380V / 440V , 1PHASE or 3PHASE(Option) (± 10%)			
Input Frequency	50 Hz / 60 Hz			
Output Voltage	0~300V, 1PHASE or 3PHASE(Option) (± 10%)			
Voltage Stability	≤ ±1%			
Output Frequency	50.60,45~65 Hz Variable			
Frequency	±0.1%			
T.H.D	within ±3%			
Protector	Electronic Circuit / Over Load / Short Circuit			
Frequency Meter	LED Digital Display			
V.A-Meter	True RMS Digital Display			
Temperature	0~40°C			
Humidity	0~90%			
Transfer Time	Zero Break			
* option	Output Voltage : 0~700V			
* option	Remote Control Function(RS-232C : Variable Voltage)			
	Remote Multi-control (RS-485)			

MODEL	AFC-10K	AFC-15K	AFC-20K	AFC-30K
Output Capacity	10KVA	15KVA	20KVA	30KVA
Circuit Type	M.P.W.M (Multi Pulse Width Modulation)			
Input Voltage	100V / 110V / 115V / 120V / 200V / 220V / 230V / 240V / 380V / 440V , 1PHASE or 3PHASE(Option) (± 10%)			
Input Frequency	50 Hz / 60 Hz			
Output Voltage	0~300V, 1PHASE or 3PHASE(Option) (± 10%)			
Voltage Stability	≤ ±1%			
Output Frequency	50.60,45~65 Hz Variable			
Frequency	±0.1%			
T.H.D	within ±3%			
Protector	Electronic Circuit / Over Load / Short Circuit			
Frequency Meter	LED Digital Display			
V.A-Meter	True RMS Digital Display			
Temperature	0~40°C			
Humidity	0~90%			
Transfer Time	Zero Break			
* option	Output Voltage : 0~700V			
* option	Remote Control Function(RS-232C : Variable Voltage)			
	Remote Multi-control (RS-485)			