Preen®

AFC Series

AC Power Source

0.5kVA~800kVA

(Over 800 kVA made by request)

Leading Test & Measurement Power Supply Provider









AC POWER CORP.

Address: 3F., No.200, Gangqian Road, Neihu District, Taipei 11494, Taiwan http://www.acpower.net E-mail:sales@acpower.net

AFC Series - Single Phase In-Single Phase Out (0.5~30kVA)

| Model | | | AFC-500W | AFC-1KW | AFC-11002 | AFC-11003 | AFC-11005 | AFC-11008 | AFC-11010 | AFC-11015 | AFC-11020 | AFC-11030 | | | |
|--------------|----------------------------------|----------------|---|--|---|-------------------------------|-------------------------|------------------|------------------|---------------------------------------|-----------|-----------|--|--|--|
| | Capacity(kVA) | | | 1 | 2 | 3 | 5 | 8 | 10 | 15 | 20 | 30 | | | |
| Circuit Type | | | Transistor amplifier type IGBT/PWM type | | | | | | | | | | | | |
| | Phase | Phase | | Single phase | | | | | | | | | | | |
| | Wave | | Sine wave | | | | | | | | | | | | |
| locut | Voltage | | 110V, 120V, 3 | 220V or 277V | | 120V, 220V, or 277V () | | | | | | | | | |
| Input | Voltage range Frequency range | | 110V,120V, 220 [°] | 0V,120V, 220V or 277V±15% 120V±15%, 220V±15%, or 277V±15% | | | | | | | | | | | |
| | | | 50Hz \pm 3Hz or 60Hz \pm 3Hz | | | | | | | | | | | | |
| | Power factor | | | 0.85 | | | | | | | | | | | |
| | Phase | | Single phase | | | | | | | | | | | | |
| | Wave | | | Sine wave | | | | | | | | | | | |
| | Voltage | Low | 0~150 |)V (L-N) | | | 5V ~ 150 | IV (L-N) | | | | | | | |
| Output | Volidge | High | 0 ~ 300 | 0~300V (L-N) 10V~300V (L-N) | | | | | | | | | | | |
| Output | Frequency | | | | | 47 ~ 63H | z, 50 H z, 60Hz; | 2F, 4F, 400Hz | : (Option) 2 | | | | | | |
| | Frequency regu | ulation | | | | | ≤0. | 01% | | | | | | | |
| | Max.current | High (A) | 2.1 | 4.2 | 8.3 | 12.5 | 20.8 | 33.3 | 41.7 | 62.5 | 83.3 | 125.0 | | | |
| | | Low (A) | 4.2 | 8.4 | 16.7 | 25 | 41.7 | 66.7 | 83.3 | 125.0 | 166.7 | 250.0 | | | |
| | Line regulation | | \$ | 0.5% | <1% | | | | | | | | | | |
| | Load regulation | | | ±0.5% | $<\pm$ 1% (Linear load) | | | | | | | | | | |
| | Total harmonic dis | | | 0.5% | <2% (Linear load) | | | | | | | | | | |
| System | Efficiency | | | ≥70% | ≥90% | | | | | | | | | | |
| | Response time | | | 50 µ s | ≤2ms | | | | | | | | | | |
| | Crest factor | | | .4 : 1 | 3:1 | | | | | | | | | | |
| | Protection devic | e | Input no-fuse breaker, output no-fuse breaker, electronic circuit instant trip for over/low voltage, over current, over load, over temperature and short circuit, protection and alarm system | | | | | | | | | | | | |
| | Display | | | LED | | | | | | | | | | | |
| | Voltage | | Analytic de | Analytic degree: 0.1V Show range: 0~600V, analytic degree: 0.1V, accurate degree: 0.15%FS+ | | | | | | | | | | | |
| Indicator | Current | | 0.001A | 0.01A | Show range: 0 ~ 700A, analytic degree: 0.01A (<100A) / 0.1A (≥100A), accurate degree: 0.2%FS+4COUNT | | | | | | | COUNT | | | |
| | Power | | 0.1W | 1W | Show range: 3kW ~ 75kW, analytic degree: 0.01kW (<10kW) / 0.1kW (>10kW), accurate degree: 0.3%FS+4COUNT | | | | | | | | | | |
| | Frequency | | Analytic de | gree: 0.1Hz | | Sho | w range: 0~999. | 9Hz, analytic de | egree: 0.1Hz, ac | curate degree: (| 0.1% | | | | |
| | Insulation resist | ance | | | | | ≥DC500 | V 10MΩ | | | | | | | |
| | Withstand voltage insulation | | AC 1800V 10mA/1 Min | | | | | | | | | | | | |
| Environ- | Cooling system | Cooling system | | | | | Fan o | cooling | | | | | | | |
| mental | Temperature | | | | | | - 3°0 | - 45℃ | | | | | | | |
| | Humidity | Humidity | | 0~90% (Non-condensing) | | | | | | | | | | | |
| | Altitude | | (1) | | | ≤1500m | | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| | Case No. | | | | | 2 | | | 3 | | | 4 | | | |
| W | eight (Lb / Kg) | | 97 / 44 | 195 / 89 | 150 / 68 | 160 / 73 | 195 / 89 | 440 / 200 | 460 / 210 | 530 / 240 | 615 / 280 | 725 / 330 | | | |

Remarks: 1 As to the required voltage, please refer to form 1 at page 5;
2 F= Input Frequency (Hz); Please consult our sales for detail.
3 Custom-made specifications are discussible;
4 All specifications are subject to change without prior notice.

Case No. of AFC Series (0.5~75kVA)

[Unit: inch / mm (Width \times Depth \times Height)



AFC Series - Three Phase In-Single Phase Out (10~75kVA)

| Model | | | AFC-31010 | AFC-31015 | AFC-31020 | AFC-31030 | AFC-31045 | AFC-31060 | AFC-31075 | | | | | | |
|---------------|----------------------------------|---------------|---|--|-----------|---------------|------------|------------|------------|--|--|--|--|--|--|
| Capacity(kVA) | | | 10 | 15 | 20 | 30 | 45 | 60 | 75 | | | | | | |
| | Circuit Type | | IGBT/PWM type | | | | | | | | | | | | |
| | Phase | | Three phase | | | | | | | | | | | | |
| | Wave | | | | | Sine wave | | | | | | | | | |
| Input | Voltage | | 120V/208V, 220V/380V, or 277V/480V 🚺 | | | | | | | | | | | | |
| mput | Voltage range Frequency range | | | 120V/208V \pm 15%, 220V/380V \pm 15%, or 277V/480V \pm 15% | | | | | | | | | | | |
| | | | 50 Hz \pm 3Hz or 60 Hz \pm 3Hz | | | | | | | | | | | | |
| | Power factor | | 0.85 | | | | | | | | | | | | |
| | Phase | | | | | Single phase | | | | | | | | | |
| | Wave | | | | | Sine wave | | | | | | | | | |
| | Voltage | Low | | | | 5V~150V (L-N) | | | | | | | | | |
| Output | vonage | High | | 10V~300V (L-N) | | | | | | | | | | | |
| Output | Frequency | | | 47 ~ 63Hz, 50Hz, 60Hz; 2F, 4F, 400Hz (Option) 2 | | | | | | | | | | | |
| | Frequency reg | ulation | | | | ≪0.01% | | | | | | | | | |
| | Max.current | High (A) | 41.7 | 62.5 | 83.3 | 125.0 | 187.5 | 250.0 | 312.5 | | | | | | |
| | Max.ourrent | Low (A) | 83.3 | 125.0 | 166.7 | 250.0 | 375.0 | 500.0 | 625.0 | | | | | | |
| | Line regulation | | <1% | | | | | | | | | | | | |
| | Load regulation | | \pm 1% (Linear load) | | | | | | | | | | | | |
| | Total harmonic distortion(THD) | | 2% (Linearload) | | | | | | | | | | | | |
| System | Efficiency | | ≥90% | | | | | | | | | | | | |
| oystem | Response time | | ≤2ms | | | | | | | | | | | | |
| | Crest factor | | 3:1 | | | | | | | | | | | | |
| | Protection devic | ж | Input no-fuse breaker, electronic circuit instant trip for over/low voltage, over current, over load, over temperature and short circuit protection and alarm system | | | | | | | | | | | | |
| | Display | | LED | | | | | | | | | | | | |
| | Voltage | | Show range: 0~600V, analytic degree: 0.1V, accurate degree: 0.15%FS+4COUNT | | | | | | | | | | | | |
| Indicator | Current | | Show range: 0 ~ 700A, analytic degree: 0.01A (<100A) $/ 0.1A$ (\geq 100A), accurate degree: 0.2%FS+4COUNT | | | | | | | | | | | | |
| | Power | | Show range: 3kW ~ 75kW, analytic degree: 0.01kW (${<}10kW$) / 0.1kW (${\geq}10kW$), accurate degree: 0.3%FS+4COUNT | | | | | | | | | | | | |
| | Frequency | | Show range: 0~999.9Hz, analytic degree: 0.1Hz, accurate degree: 0.1% | | | | | | | | | | | | |
| | Insulation resist | tance | ≥DC500V 10MΩ | | | | | | | | | | | | |
| | Withstand volta | ge insulation | AC 1800V 10mA/1 Min | | | | | | | | | | | | |
| Environ- | Cooling system | 1 | Fan Cooling | | | | | | | | | | | | |
| mental | Temperature | | 0°C ~ 45°C | | | | | | | | | | | | |
| | Humidity | | | 0~90% (Non-condensing) | | | | | | | | | | | |
| | Altitude | | ≤1500m | | | | | | | | | | | | |
| | Case No. | | (. | 3 | (. | 4 | 5 | | | | | | | | |
| W | /eight (Lb / Kg) | | 460 / 210 | 530 / 240 | 640 / 290 | 750 / 340 | 1190 / 540 | 1340 / 610 | 1470 / 670 | | | | | | |

Remarks: 1 As to the required voltage, please refer to form 1 at page 5;

F= Input Frequency (Hz);Please consult our sales for detail.

3 Custom-made specifications are discussible;

All specifications are subject to change without prior notice.

Leading Test & Measurement Power Supply Provider



AFC Series - Three Phase In-Three Phase Out (6~75kVA)

| Model | | | AFC-33006 | | AFC-33015 | AFC-33020 | AFC-33030 | AFC-33045 | AFC-33060 | AFC-33075 | | | | |
|---------------|--------------------------------|---------------|---|------------------------|-----------|-----------------|---------------|------------|------------|------------|--|--|--|--|
| Capacity(kVA) | | | 6 | 10 | 15 | 20 | 30 | 45 | 60 | 75 | | | | |
| | Circuit Type | | | IGBT/PWM type | | | | | | | | | | |
| | Phase | | Three phase | | | | | | | | | | | |
| | Wave | | Sine wave | | | | | | | | | | | |
| Input | Voltage | | 120V/208V, 220V/380V, or 277V/480V () | | | | | | | | | | | |
| mpar | Voltage range | | 120V/208V \pm 15%, 220V/380V \pm 15%, or 277V/480V \pm 15% | | | | | | | | | | | |
| | Frequency rang | je | | 50Hz±3Hz or 60Hz±3Hz | | | | | | | | | | |
| | Power factor | | | 0.9 | | | | | | | | | | |
| | Phase | | | | | Three | phase | | | | | | | |
| | Wave | | | | | Sine | wave | | | | | | | |
| | Voltage | Low | | | | 5V ~ 150 | V (L-N) | | | | | | | |
| Output | vonage | High | | | | 10V ~ 300 | V (L-N) | | | | | | | |
| Output | Frequency | | | | 47 ~ 63 | Hz, 50Hz, 60Hz; | 2F, 4F, 400Hz | (Option) 2 | | | | | | |
| | Frequency regu | lation | | | | ≪0 | .01% | | | | | | | |
| | Max.current | High (A) | 8.3 | 13.9 | 20.8 | 27.8 | 41.7 | 62.5 | 83.3 | 104.2 | | | | |
| | Max.current | Low (A) | 16.7 | 27.8 | 41.7 | 55.6 | 83.3 | 125.0 | 166.7 | 208.3 | | | | |
| | Line regulation | | <1% | | | | | | | | | | | |
| | Load regulation | | | \pm 1% (Linear load) | | | | | | | | | | |
| | Total harmonic distortion(THD) | | 2% (Linear load) | | | | | | | | | | | |
| System | Efficiency | | ≥90% | | | | | | | | | | | |
| System | Response time | | ≤2ms | | | | | | | | | | | |
| | Crest factor | | 3:1 | | | | | | | | | | | |
| | Protection devic | æ | Input no-fuse breaker, electronic circuit instant trip for over/low voltage, over current, over load, over temperature and short circuit protection and alarm system | | | | | | | | | | | |
| | Display | | LED | | | | | | | | | | | |
| | Voltage | | Show range: 0~600V, analytic degree: 0.1V, accurate degree: 0.15%FS+4COUNT | | | | | | | | | | | |
| Indicator | Current | | Show range: 0 ~ 700A, analytic degree: 0.01A (<100A) / 0.1A (\geq 100A) , accurate degree: 0.2%FS+4COUNT | | | | | | | | | | | |
| | Power | | Show range: 3kW ~ 75kW, analytic degree: 0.01kW (<10kW) / 0.1kW (≥10kW) , accurate degree: 0.3%FS+4COUNT | | | | | | | | | | | |
| | Frequency | | Show range: 0~999.9Hz, analytic degree: 0.1Hz, accurate degree: 0.1% | | | | | | | | | | | |
| | Insulation resist | ance | ≥DC500V 10MΩ | | | | | | | | | | | |
| | Withstand voltage | ge insulation | AC 1800V 10mA/1 Min | | | | | | | | | | | |
| Environ- | Cooling system | | Fan Cooling | | | | | | | | | | | |
| mental | Temperature | | | | | · 3°0 | - 45℃ | | | | | | | |
| | Humidity | | 0~90% (Non-condensing) | | | | | | | | | | | |
| | Altitude | | | ≤1500m | | | | | | | | | | |
| | Case No. | | 3 4 5 | | | | | | | | | | | |
| W | /eight (Lb / Kg) | | 440 / 200 | 500 / 230 | 660 / 300 | 680 / 310 | 860 / 390 | 1210 / 550 | 1270 / 580 | 1470 / 670 | | | | |

Remarks: 1 As to the required voltage, please refer to form 1 at page 5;
2 F= Input Frequency (Hz);Please consult our sales for detail.
3 Custom-made specifications are discussible;
4 All specifications are subject to change without prior notice.

Case No. of AFC Series (100~800kVA) [Unit: inch / mm (Width×Depth×Height)]



AFC Series - Three Phase In-Single Phase Out/Three Phase In-Three Phase Out (100~800kVA)

| <table-container> Circle Vec Vec Vec Vec Vec Vec Vec Vec Vec Ve</table-container> | | Model | | AFC-31100 | AFC-31120 | AFC-31150 | AFC-33100 | AFC-33120 | AFC-33150 | AFC-33200 | AFC-33250 | AFC-33300 | AFC-33400 | AFC-33450 | AFC-33500 | AFC-33600 | AFC-33800 |
|---|---|--------------------------------|---|--|--------------|---------------|----------------------|-----------|-------------|-------------|--------------|-------------|-----------|-----------|-----------|-----------|------------|
| Phase < | | Capacity(kVA) | | 100 | 120 | 150 | 100 | 120 | 150 | 200 | 250 | 300 | 400 | 450 | 500 | 600 | 800 |
| <table-container> <th cols="" in="" series="" series<="" td="" the=""><td></td><td colspan="2">Circuit Type</td><td></td><td colspan="11">IGBT/PWM type</td></th></table-container> | <td></td> <td colspan="2">Circuit Type</td> <td></td> <td colspan="11">IGBT/PWM type</td> | | Circuit Type | | | IGBT/PWM type | | | | | | | | | | | |
| <table-container> metric metri metric metric metric metric metric metric metric m</table-container> | | Phase | | | Three phase | | | | | | | | | | | | |
| <table-container> Imple Procency IIII Procency IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</table-container> | | Wave | | Sine wave | | | | | | | | | | | | | |
| <table-container> Image: Second Second</table-container> | loput | Voltage | | 120V/208V, 220V/380V, or 277V/480V 🚺 | | | | | | | | | | | | | |
| <table-container> Power facor O 80 C U</table-container> | mput | Voltage range | | | | | | | | | | | | | | | |
| <table-container><pre> Phase variable var</pre></table-container> | | Frequency rang | je | | | | 50Hz±3Hz or 60Hz±3Hz | | | | | | | | | | |
| <table-container> Wave Low Low Lin Low Low Lin Low Low Lin Low Low Lin Low Low Low Lin Low Low Lo</table-container> | | Power factor | | | 0.80 | | | | | 0.8 | 85 | | | | | | |
| <table-container> Image or constraint frequence of the second sec</table-container> | | Phase | | | Single phase | e | | | | Three | phase | | | | | | |
| <table-container> Valige Valig</table-container> | | Wave | | | Sine wave | | | | | | | | | | | | |
| <table-container> Image: Probability of the product of the</table-container> | | Voltage | Low | | | | | | | 5V ~ 150\ | / (L-N) | | | | | | |
| <table-container> ferquency</table-container> | Output | Voltage | High | | | | | | | 10V ~ 300 | V (L-N) | | | | | | |
| <table-container> hgin hgin no. no.</table-container> | Output | Frequency | | | | | | 47 | ~ 63Hz, 50H | Hz, 60Hz; | 2F, 4F, 400H | Hz (Option) | 2 | | | | |
| <table-container> Max. urrent Max. urrent Max. urrent Nove Nove<td></td><td>Frequency regu</td><td>ulation</td><td></td><td></td><td></td><td></td><td></td><td></td><td>≤0.</td><td>01%</td><td></td><td></td><td></td><td></td><td></td><td></td></table-container> | | Frequency regu | ulation | | | | | | | ≤0. | 01% | | | | | | |
| <table-container> Image Image</table-container> | | Max current | High (A) | 416.7 | 500.0 | 625.0 | 138.9 | 166.7 | 208.3 | 277.8 | 347.2 | 416.7 | 555.6 | 625.0 | 694.4 | 833.3 | 1111.1 |
| Indiana Image: Ima | | maxibarront | Low (A) | 833.3 | 1000.0 | 1250.0 | 277.8 | 333.3 | 416.7 | 555.6 | 694.4 | 833.3 | 1111.1 | 1250.0 | 1388.9 | 1666.7 | 2222.2 |
| Name System Efficiency < | | Line regulation | | <2% | | | | | | | | | | | | | |
| SystemEfficiency $= 585\%$ Response time $\leq T = 585\%$ Crest factor $\leq T = 585\%$ Protection device $S:1$ Display $= 550\%$ over current, over load, over temperature and short circuit protection and alarm systemPolage $= 550\%$ over current, over load, over temperature and short circuit protection and alarm systemInditation device $Sisplay$ Voltage $= 550\%$ over current, over load, over temperature and short circuit protection and alarm systemVoltage $= 550\%$ over current, over load, over temperature and short circuit protection and alarm systemVoltage $= 550\%$ over current, over load, over temperature and short circuit protection and alarm systemVoltage $= 550\%$ over current, over load, over temperature and short circuit protection and alarm systemVoltage $= 550\%$ over current, over load, over temperature and short circuit protection and alarm systemVoltage $= 550\%$ over current, over load, over temperature and short circuit protection and alarm systemVoltage $= 550\%$ over current, over load, over temperature and short circuit protection and alarm systemVoltage $= 550\%$ over current, over load, over temperature and short circuit protection and alarm systemVoltage $= 550\%$ over current, over load, over temperature and short circuit protection and alarm systemVoltage $= 550\%$ over current, over load, over temperature and short circuit protection and alarm systemVoltage $= 550\%$ over current, over load, over temperature and short circuit protection and alarm systemVoltage $= 550\%$ over current, over load, over temperature and shor | | Load regulation | | ±1% (Linear load) | | | | | | | | | | | | | |
| System Response time Sequence tim Sequence time Sequence time <td></td> <td colspan="2">Total harmonic distortion(THD)</td> <td colspan="12"></td> | | Total harmonic distortion(THD) | | | | | | | | | | | | | | | |
| Response time Respon Response time Response time </td <td>Svstem</td> <td>Efficiency</td> <td></td> <td colspan="11"></td> | Svstem | Efficiency | | | | | | | | | | | | | | | |
| And the service Imput no-fusce Imp | | Response time | | | | | | | | | | | | | | | |
| Protection device Over current, over load, over temperature and short circuit protection and alarm system Indicator Display Image: Contract over load, over temperature and short circuit protection and alarm system Voltage Image: Contract over load, over temperature and short circuit protection and alarm system Voltage Image: Contract over load, over temperature and short circuit protection and alarm system Voltage Image: Contract over load, over temperature and short circuit protection and alarm system Voltage Image: Contract over load, over temperature and short circuit protection and alarm system Voltage Image: Contract over load, over temperature and short circuit protection and alarm system Image: Contract over load, over temperature and short circuit protection and alarm system Image: Contract over load, over temperature and short circuit protection and alarm system Image: Contract over load, over temperature and short circuit protection and alarm system Image: Contract over load, over temperature and short circuit protection and alarm system Image: Contract over load, over temperature and short circuit protection and alarm system Image: Contract over load, over temperature and short circuit protection and alarm system Image: Contract over load, over temperature and short circuit protection and alarm system Image: Contract over load, over temperature and short circuit protection and alarm system Image: Contract over load, over tempe | | Crest factor | | 3:1 | | | | | | | | | | | | | |
| Indicator Voltage Show range: 0 ~ 9999A, analytic degree: 0.1V, accurate degree: 0.2%FS+1COUNT Voltage Current Show range: 0 ~ 9999A, analytic degree: 0.01A (<100A) / 0.1A (≥100A), accurate degree: 0.2%FS+1COUNT | | Protection devic | æ | | | | over cu | | | | | - | - | system | | | |
| Indicator Current Show range: 0 ~ 9999A, analytic degree: 0.01A (<100A) / 0.1A (≥100A), accurate degree: 0.2%FS+1COUNT Frequency Current Show range: 0 ~ 9999A, analytic degree: 0.01A (<100A) / 0.1A (≥100A), accurate degree: 0.2%FS+1COUNT | | Display | | | | | | | | LE | Ð | | | | | | |
| Eurone Current Show range: 0 ~ 9999A, analytic degree: 0.01A(<100A) / 0.1A(≥100A), accurate degree: 0.2%FS+1COUNT Frequency Show range: 0 ~ 9099A, analytic degree: 0.01A(<100A) / 0.1A(≥100A), accurate degree: 0.2%FS+1COUNT | Indicator | Voltage | | Show range: 0 ~ 600V, analytic degree: 0.1V, accurate degree: 0.2%FS+1COUNT | | | | | | | | | | | | | |
| Insulation resistance > DC500V 10MQ Withstand voltage insulation | mulcator | Current | | Show range: 0 ~ 9999A, analytic degree: 0.01A (<100A) / 0.1A (≥100A), accurate degree: 0.2%FS+1COUNT | | | | | | | | | | | | | |
| $ \begin{array}{ c c c c } \hline \mbox{Withstand voltage insulation} \\ \hline \mbox{Withstand voltage insulation} \\ \hline \mbox{Vithstand voltage insulation} \\ \hline Vithstand voltage insu$ | | Frequency | Frequency Show range: 40 ~ 600Hz, analytic degree: 0.01Hz (<100Hz) / 0.1Hz (>100Hz), accurate degree: ±0.02 / 0.2Hz | | | | | | | | | | | | | | |
| Environ metal Cooling system Image: Cooling system Image: Francoling Temperature Image: Francoling OC ~ 45°C Humidity Image: Cooling system | | Insulation resist | ance | ≥ DC500V 10MΩ | | | | | | | | | | | | | |
| Immedia Temperature 0°C ~ 45°C Humidity 0°C ~ 45°C Attitude Case No. 6 7 6 7 8 9 | | Withstand voltag | ge insulation | | | | | | | AC 1800V ? | 10mA/1 Min | | | | | | |
| Interpretation Sector Secto | Environ- | Cooling system | Cooling system | | Fan cooling | | | | | | | | | | | | |
| Altitude <th< th=""> <th< th=""> <</th<></th<> | mental | Temperature | | | 0℃~45℃ | | | | | | | | | | | | |
| Case No. 6 7 6 7 8 9 | | Humidity | | | | | | 0 - | ~ 90% (Non | -condensing | j) | | | | | | |
| | | | | | | | | | | ≤15 | 00m | | | | | | |
| Weight (Lb / Kg) 1980/900 2540/1154 2970/1350 1880/856 2270/1031 3010/1365 3330/1514 5000/2273 6040/2741 6700/3039 8798/3990 9080/4118 9795/4442 10760/4880 | | Case No. | | | | - | | | | | | | | | | | |
| | W | eight (Lb / Kg) | | 1980/900 | 2540/1154 | 2970/1350 | 1880/856 | 2270/1031 | 3010/1365 | 3330/1514 | 5000/2273 | 6040/2741 | 6700/3039 | 8798/3990 | 9080/4118 | 9795/4442 | 10760/4880 |

Remarks: 1 As to the required voltage, please refer to form 1 at page 5;

2 F= Input Frequency (Hz);Please consult our sales for detail.

3 Custom-made specifications are discussible;

All specifications are subject to change without prior notice.

Leading Test & Measurement Power Supply Provider



Form 1: AFC Input Voltage Range

| А | 100 V | |
|---|-------|--------------------------|
| в | 110 V | 1Ø2W+G |
| С | 115 V | TØ 2W+G |
| D | 120 V | |
| Е | 200 V | |
| F | 208 V | 1Ø2W+G |
| G | 220 V | or 3Ø3W+G |
| н | 230 V | (∆-connection) |
| 1 | 240 V | |
| J | 380 V | |
| к | 400 V | 2 (22) 11 (2 |
| L | 415 V | 3Ø3W+G (∆-connection) |
| м | 440 V | (2 connection) |
| N | 480 V | |
| | | |

| О | 110/190 V | |
|---|-----------|----------------|
| Р | 115/200 V | |
| Q | 120/208 V | 3Ø4W+G |
| R | 127/220 V | or |
| т | 220/380 V | 3Ø3W+N+G |
| U | 230/400 V | (Y-connection) |
| v | 240/415 V | |
| W | 254/440 V | |
| х | 100/200 V | |
| Y | 110/220 V | 1Ø3W+G |
| z | 115/230 V | |
| | | |

* Other Input Voltages not listed in this form are all S (Special Specification) type.

AFC Series General Features

- One key for shutdown when fault.
- Quick response speed: Response time ≤ 2ms.
- High accurate measurement for parameter: Voltage — 0.15%FS+4COUNT; Current — 0.2%FS+4COUNT; Frequency — 0.1%; Power — 0.3%FS+4COUNT.
- Output voltage: 5~ 300V Continuous adjustable. Quick & convenient 3 scales of preset voltage for high and low voltage simulation: High: +10%~+25% of preset voltage; Medium: preset voltage; Low: -10%~-30% of preset voltage.
- Pure output sine-wave.
 (Please see specification table)
- Well protection and fault alarm function: Input no-fuse breaker; electronic circuit instant trip for over voltage, over current, over load, over temperature, short circuit protection; alarm system.
- Power module design patent.



Leading Test & Measurement Power Supply Provider





Microwave oven



Motor



Product R & D

Air Conditioner

Blender

Washing Machine

Microwave Oven

Radio Recorder

Vacuum Cleaner

Electric Shaver

Life & Safety Test

OQC (FQC) Test

EMC Test

Product Test

AC Power Source Testing

Product Research & Development

Refrigerator

DVD



Air conditioner



Transformer



Ship



Switching Power Supply



EMC Testing



Airport Grounding Facilities

- Switching Power Supply Testing
 - Transformer
- Ballast (in Bulb, Fluorescent Lamp)
- AC Fan
- Uninterruptible Power Supply
- Charger, Relay
- Compressor Passive Components
- Motor

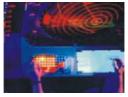
- Airport Grounding Facilities
- Airport Terminal, Control Tower, Apron
- Avionics Equipment
- Air Force System Diagnostics
- Military System Diagnostics
- Navy System Diagnostics
- Marine System
- Satellite Navigator
- 400Hz Equipment & Instruments



Compressor for Air Conditioner



Life Testing



Navigation

- OAEquipment
- Computer
 - Monitor
- Fax Machine
- Copy Machine
 - Shredder
- Printer
- Scanner
- Peripherals

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AC Power Corp. offers products widely applied in multi-professional fields and provides the best power solutions to customers. Our mission is to satisfy customers' demand by considering the whole conditions including power environment, loading allocation, module solution alternative, thoughtful design, lean and efficient manufacturing, timely and comprehensive maintenance.

Leading Test & Measurement Power Supplies Provider





AC POWER CORP.

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AFC-131121EN

Version:

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