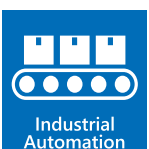
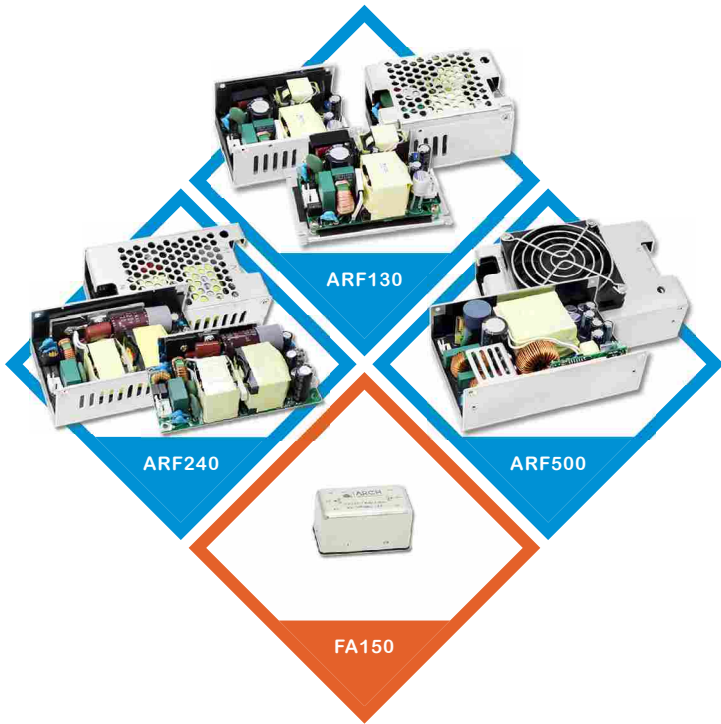


- ◆ AC-DC ITE/Household Power Module
- ◆ AC-DC Medical Power Module
- ◆ AC-DC ITE Switching Power Supply
- ◆ AC-DC Medical Switching Power Supply
- ◆ DC-DC Converter
- ◆ AC EMI Filter



New Products



ITE PSU Power

ARF130 Series

130 Watts    

- * Size: ARF130E: 3.15" x 2.35" x 1.7"
ARF130O: 3.59" x 2.15" x 1.32"
ARF130U: 3.15" x 2.35" x 1.5"
- * Enclosed / Open Frame / U Bracket Package
- * Universal Input Range 90-264VAC
- * O/P Voltage: 12, 24, 48VDC
- * High Efficiency up to 91%
- * No Load Power Consumption < 0.3W
- * Operating Tm: -30°C to +80°C
- * Operating Altitude 5000M
- * Active PFC Function
- * I/O Isolation 4000VAC
- * UL / IEC / EN 62368-1 Safety Approval

ITE PSU Power

ARF240 Series

240 Watts    

- * Size: ARF240E/U: 4.1" x 2.46" x 1.54"
ARF240O: 4.02" x 2.05" x 1.09"
- * Enclosed / Open Frame / U Bracket Package
- * Universal Input Range 90-264VAC
- * O/P Voltage: 12, 24, 48VDC
- * High Efficiency up to 94%
- * No Load Power Consumption < 0.5W
- * Operating Tm: -30°C to +80°C
- * Built-in 12V / 0.5A Fan Supply (ARF240O)
- * Operating Altitude 5000M
- * Active PFC Function
- * I/O Isolation 4000VAC
- * UL / IEC / EN 62368-1 Safety Approval

ITE PSU Power

ARF500 Series

500 Watts    

- * Size: ARF500E: 5.11" x 3.25" x 2.42"
ARF500U: 5.11" x 3.25" x 1.6"
- * Enclosed or U Bracket Package
- * Universal Input Range 90-264VAC
- * O/P Voltage: 12, 24, 48VDC
- * High Efficiency up to 91.5%/92%
- * Operating Tm: -30°C to +80°C
- * Operating Altitude 5000M
- * Active PFC Function
- * I/O Isolation 4000VAC
- * Standby 5V@1A with Fan
- * Standby 0.4A without Fan (ARF500U)
- * Built-in 12V/0.3A Auxiliary Output (ARF500U)
- * UL / IEC / EN 62368-1 Safety Approval

AC EMI Filter

FA150 Series

Ideal for 1-150 Watts

- * Size: 1.81" x 0.98" x 0.93"
- * Current rating 1-2A
- * Very Compact PCB-mounting Design, Easy to Mount
- * Input Range 90-305VAC
- * To Enhance the Anti-interference Performance and Reduce CE and RE
- * Operating Tm: -40°C to +85°C

ITE Power Module

AHCH05,10 Series

5/10 Watts    

- * Size: AHCH05: 2.04" x 1.04" x 0.65"
AHCH10: 2.055" x 1.055" x 0.75"
- * Universal Input Range 90-305VAC
- * I/O Isolation 4000VAC
- * O/P Voltage: 3, 3.5, 12, 15, 24VAC
- * No Load Power Consumption < 0.1W
- * Operating Tm: -40°C to +85°C
- * Screw Terminal for Option
- * EMC Compliant without External Components
- * Safety Approval to UL / IEC / EN 62368-1
- * Meet IEC / EN 60335-1 and IEC / EN 61558-2-16

ITE / Household Power Module

AOCH05,10/AFCH25/ATCH30/ANCH50/ARC60 Series

5/10 Watts

- * Size: AOCH05: 1.46" x 1.08" x 0.69"
AOCH10: 1.46" x 1.08" x 0.79"
AFCH25: 2.07" x 1.08" x 0.93"
ATCH30: 2.53" x 1.78 x 0.85"
ANCH50/ARC60: 2.92 x 1.85 x 0.91"
- * Universal Input Range: ARC60: 90-264VAC
others: 90-305VAC
- * No Load Power Consumption < 0.1W
- * Screw Terminal for Option (AOCH05/10 N/A)

- * O/P Voltage: AOCH05/AOCH10: 3, 3.5, 12, 15, 24VAC
AFCH25/ATCH30: 5, 1, 12, 15, 24VAC
ANCH50/ARC60 : 12, 15, 24VAC
- * Operating Tm: ATCH30/ARC60: -40°C to +85°C
others: -40°C to +70°C
- * EMC Compliant without External Components
- * Safety Approval to UL / IEC / EN 62368-1, IEC / EN 60950, IEC / EN 60335-1, IEC / EN 61558-2-16

DC-DC Converter

SP10F Series

10 Watts 

- * Size: 0.87" x 0.37" x 0.47"
- * Compact SIP8 Package
- * High Efficiency up to 89%
- * 4:1 Wide Input Range
- * O/P Voltage: 5, 12, 15, 24, ±5, ±12, ±15VDC
- * Without Tantalum Capacitors Inside
- * 3000VDC Isolation
- * Regulated Outputs
- * Remote ON/OFF Control
- * Operating Tm: -40°C to +85°C
- * Low No Load Power Consumption
- * Continuous Short Circuit Protection

DC-DC Converter

SW20F,30F,40F Series

20/30/40 Watts     

- * Size: 1.02" x 1.02" x 0.45"
- * High Efficiency up to 90%/92%
- * 4:1 Wide Input Range
- * O/P Voltage: 5, 12, 15, 24VDC
- * Without Tantalum Capacitors Inside
- * Low Ripple and Noise
- * Remote ON/OFF Control
- * Operating Tm: -40°C to +85°C
- * Screw Terminal for Option
- * Safety Meet UL / IEC / EN 62368-1 & 60950

DC-DC Converter

ST50F,80F Series

50/80 Watts     

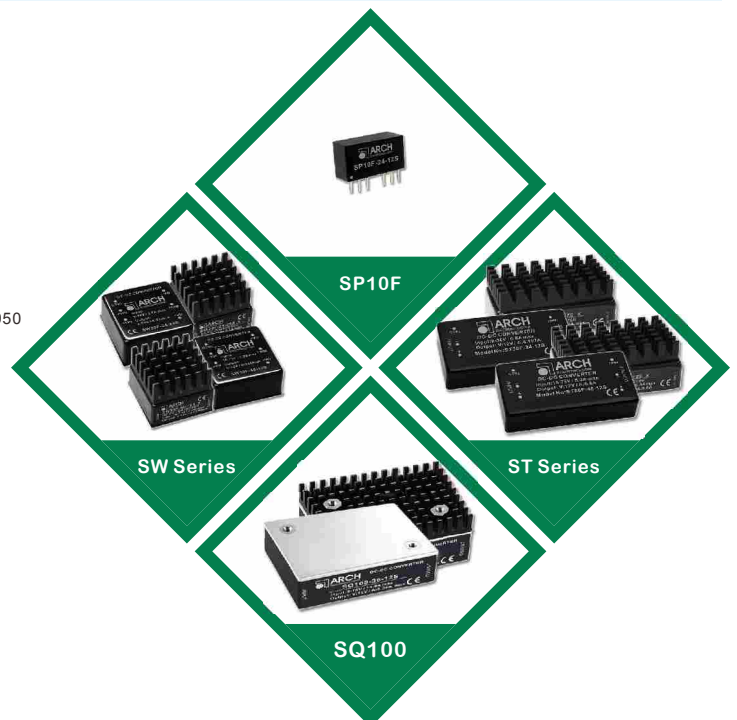
- * Size: ST50F: 2.01" x 1.0" x 0.47"
ST80F: 2.08" x 1.08" x 0.52"
- * High Efficiency up to 91% / 93%
- * O/P Voltage: 5, 12, 15, 24VDC
- * Low Ripple and Noise
- * Remote ON/OFF Control
- * Operating Tm: -40°C to +80°C
- * Screw Terminal for Option
- * Safety Meet UL / IEC / EN 62368-1 & 60950

DC-DC Converter

SQ100 Series

100 Watts 

- * Size: 2.28" x 1.45" x 0.55"
- * Standard 1/4 Brick Package
- * 8:1 Input Range
- * O/P Voltage: 5, 12, 15, 24, 48VDC
- * Protections: Over Power / Over Voltage
Over Temperature / Short Circuit
- * All by Auto-recovery
- * Operating Tm: -40°C to +105°C



AC-DC ITE Power Module

■ = New Model, ■ = Current Model, ■ = Not Recommended for New Designs

| Output Power | Series | Picture | Circuit | I/P Voltage Range(V.AC) | Output Voltage Range (V.DC) | Isolation Voltage (V.AC) | Operating Temperature | Dimensions (mm) | Warranty |
|--------------|--------|---|----------|-------------------------|--|--------------------------|-----------------------|--|----------|
| 2W | AYC |  | Class II | 90~305 | Single 3.3 · 5 · 9 · 12 · 15 · 24 | 3000 | -40°C~80°C | 33.7 x 22.2 x 17.0 CE  CB  | 3-Year |
| | AZC |  | Class II | 90~305 | Single 3.3 · 5 · 9 · 12 · 15 · 24 | 3000 | -40°C~80°C | 28.8 x 26.1 x 17.3 CE  CB  | 3-Year |
| 3W | AIC |  | Class II | 90~264 | Single 3.3 · 5 · 9 · 12 · 15 · 24 | 3750 | -40°C~85°C | 35.7 x 19.0 x 22.0 CE  CB  | 3-Year |
| 4W | AOC |  | Class II | 90~264 and 90~305 | Single 3.3 · 5 · 8 · 9 · 12 · 14 · 15 · 24 | 3000 | -40°C~70°C | 37.0 x 27.5 x 17.5 CE  CB  | 3-Year |
| | AOCH | | | | Dual 5/3.3 · 8/5 · 12/5 | | | | |
| 5W | AHCH05 |  | Class II | 90~305 | Single 3.3 · 5 · 12 · 24 | 4000 | -40°C~85°C | 51.82 x 26.42 x 16.51 CE  CB  | 3-Year |
| | AOCH05 |  | Class II | 90~305 | Single 3.3 · 5 · 12 · 24 | 4000 | -40°C~70°C | 37.0 x 27.5 x 17.5 CE  CB  | 3-Year |
| 7W | AUC |  | Class II | 90~264 | Single 5 · 12 · 15 · 24 | 3000 | -40°C~70°C | 27.4 x 27.4 x 18.7 CE  CB  | 3-Year |
| 8W | AHC08 |  | Class II | 90~305 | Single 3.3 · 3.8 · 5 · 8 · 9 · 12 · 14 · 15 · 24 | 3000 | -40°C~70°C | 52.2 x 26.8 x 19.0 CE  | 3-Year |
| | ALC | | | | Dual 5/3.3 · 8/5 · 12/5 · 12/7.5 | | | | |
| 10W | AHCH10 |  | Class II | 90~305 | Single 5 · 12 · 15 · 24 | 4000 | -40°C~85°C | 52.2 x 26.8 x 19.0 CE  CB  | 3-Year |
| | AOCH10 |  | Class II | 90~305 | Single 5 · 12 · 15 · 24 | 4000 | -40°C~70°C | 37.0 x 27.5 x 20.0 CE  CB  | 3-Year |
| | AOD10 |  | Class II | 90~264 | Single 5 · 12 · 15 · 24 | 3000 | -40°C~70°C | 37.0 x 27.5 x 20.0 CE  CB  | 3-Year |
| 15W | AVC |  | Class II | 90~264 | Single 5 · 12 · 15 · 24 | 4000 | -40°C~70°C | 41.2 x 27.2 x 19.1 CE  CB  | 3-Year |
| | APCN |  | Class II | 90~264 | Single 5 · 12 · 15 · 24 | 4000 | -40°C~70°C | 54.7 x 44.9 x 21.0 CE  CB  | 3-Year |
| | ATCN |  | Class II | 90~264 | Single 5 · 12 · 15 · 24 | 4000 | -40°C~70°C | 64.3 x 45.1 x 21.7 CE  CB  | 3-Year |
| | MFC15 |  | Class II | 90~264 | Single 5 · 9 · 12 · 15 · 24 | 4000 | -40°C~80°C | 52.5 x 27.5 x 23.5 CE  CB  | 3-Year |
| 20W | AFC20 |  | Class II | 90~264 | Single 3.3 · 5 · 12 · 15 · 24 | 3000 | -40°C~70°C | 52.5 x 27.5 x 23.5 CE  CB  | 3-Year |
| | AKC |  | Class I | 90~264 | Single 3.3 · 5 · 7.35 · 9 · 12 · 15 · 24 Dual ±5 · ±12 · ±15 Triple 5/±12 · 5/±15 | 3000 | -25°C~70°C | 69.5 x 47.5 x 21.7 CE  CB  | 3-Year |
| | MZC20 |  | Class II | 90~264 | Single 12 · 24 | 4000 | -40°C~80°C | 52.5 x 27.5 x 23.5 CE  CB  | 3-Year |
| 25W | AFCH25 |  | Class II | 90~305 | Single 5.1 · 12 · 15 · 24 | 4000 | -40°C~70°C | 52.5 x 27.5 x 23.5 CE  CB  | 3-Year |
| 30W | ATC30 |  | Class II | 90~305 | Single 3.3 · 5 · 12 · 15 · 24 | 3000 | -40°C~70°C | 64.1 x 45.6 x 23.5 CE  CB  | 3-Year |
| | ATCH30 |  | Class II | 90~305 | Single 5.1 · 12 · 15 · 24 | 4000 | -40°C~85°C | 64.3 x 45.1 x 21.7 CE  CB  | 3-Year |
| | MTC30 |  | Class II | 90~264 | Single 5 · 12 · 15 · 24 | 4000 | -40°C~80°C | 64.1 x 45.6 x 23.5 CE  CB  | 3-Year |
| 40W | AJC |  | Class II | 90~264 | Single 3.3 · 5 · 9 · 12 · 15 · 24 Dual ±5 · ±12 · ±15 · 5/12 · 5/24 Triple 5/±12 · 5/±15 | 3000 | -40°C~70°C | 89.5 x 64.1 x 25.0 CE  CB  | 3-Year |
| 50W | ANC50 |  | Class II | 90~264 | Single 5 · 12 · 15 · 24 · 48 | 3000 | -40°C~70°C | 74.1 x 54.1 x 21.8 CE  CB  | 3-Year |
| | ANCH50 |  | Class II | 90~305 | Single 12 · 15 · 24 | 4000 | -40°C~70°C | 74.2 x 47.0 x 23.1 CE  CB  | 3-Year |
| 60W | AEC60 |  | Class I | 90~264 | Single 5 · 9 · 12 · 15 · 24 · 48 | 4000 | -40°C~70°C | 109.0 x 58.5 x 30.0 CE  | 3-Year |
| | ARC60 |  | Class II | 90~264 | Single 12 · 15 · 24 | 4000 | -40°C~85°C | 74.2 x 47.0 x 23.1 CE  CB  | 3-Year |
| | MSC60 |  | Class II | 90~264 | Single 5 · 9 · 12 · 15 · 24 | 4000 | -40°C~80°C | 89.0 x 63.5 x 27.0 CE  CB  | 3-Year |
| 100W | AQC100 |  | Class I | 90~264 | Single 12 · 15 · 24 · 48 | 3000 | -25°C~70°C | 109.0 x 58.5 x 30.0 CE  CB  | 3-Year |

AC-DC ITE Power Module

■ = New Model, ■ = Current Model, ■ = Not Recommended for New Designs

| Output Power | Series | Picture | Circuit | I/P Voltage Range (V.AC) | Output Voltage Range (V.DC) | Isolation Voltage (V.AC) | Operating Temperature | Dimensions (mm) | Warranty |
|--------------|--------|---------|---------|--------------------------|-----------------------------|----------------------------|-----------------------|---------------------------|----------|
| 150W | MQC150 | | Class I | 90~264 | Single 12 · 24 · 48 | 4000 VAC or 5656 VDC | -30°C~70°C | 109.0 x 58.5 x 35.0 CE | 3-Year |
| 300W | ABR300 | | Class I | 90~264 | Single 12 · 24 · 28 · 48 | 3000 | -40°C~100°C | 117.3 x 61.5 x 13.2 CE | 3-Year |

AC-DC Household Power Module

■ = New Model, ■ = Current Model, ■ = Not Recommended for New Designs

| Output Power | Series | Picture | Circuit | I/P Voltage Range (V.AC) | Output Voltage Range (V.DC) | Isolation Voltage (V.AC) | Operating Temperature | Dimensions (mm) | Warranty |
|--------------|--------------------|---------|----------|--------------------------|------------------------------|--------------------------|-----------------------|--------------------------|----------|
| 5W | APOCH05 NEW | | Class II | 90~305 | Single 3.3 · 5 · 12 · 24 | 4000 | -40°C~70°C | 37.0 x 27.5 x 17.5 CE | 3-Year |
| 10W | APOCH10 NEW | | Class II | 90~305 | Single 5 · 12 · 15 · 24 | 4000 | -40°C~70°C | 37.0 x 27.5 x 20.0 CE | 3-Year |
| | AOD10 | | Class II | 90~264 | Single 5 · 12 · 15 · 24 | 3000 | -40°C~70°C | 37.0 x 27.5 x 20.0 CE | 3-Year |
| 25W | AFCH25 NEW | | Class II | 90~305 | Single 5.1 · 12 · 15 · 24 | 4000 | -40°C~70°C | 52.5 x 27.5 x 23.5 CE | 3-Year |
| 30W | ATCH30 NEW | | Class II | 90~305 | Single 5.1 · 12 · 15 · 24 | 4000 | -40°C~85°C | 64.3 x 45.1 x 21.7 CE | 3-Year |
| 50W | ANCH50 NEW | | Class II | 90~305 | Single 12 · 15 · 24 | 4000 | -40°C~70°C | 74.2 x 47.0 x 23.1 CE | 3-Year |
| 60W | ARC60 NEW | | Class II | 90~264 | Single 12 · 15 · 24 | 4000 | -40°C~85°C | 74.2 x 47.0 x 23.1 CE | 3-Year |

AC-DC Medical Power Module

■ = New Model, ■ = Current Model, ■ = Not Recommended for New Designs

| Output Power | Series | Picture | Circuit | I/P Voltage Range (V.AC) | Output Voltage Range (V.DC) | Isolation Voltage (V.AC) | Operating Temperature | Dimensions (mm) | Warranty |
|--------------|---------|---------|----------|--------------------------|--|----------------------------|-----------------------|---------------------------|----------|
| 15W | MFC15 | | Class II | 90~264 | Single 5 · 9 · 12 · 15 · 24 | 4000 | -40°C~80°C | 52.5 x 27.5 x 23.5 CE | 3-Year |
| | MTC | | Class II | 90~264 | Single 3.3 · 5 · 7.35 · 9 · 12 · 15 · 24 Dual ± 5 · ± 12 · ± 15 Triple $5/\pm 12$ · $5/\pm 15$ | 4000 | -40°C~70°C | 64.1 x 45.6 x 23.5 CE | 3-Year |
| 20W | MZC20 | | Class II | 90~264 | Single 12 · 24 | 4000 | -40°C~80°C | 52.5 x 27.5 x 23.5 CE | 3-Year |
| 30W | MTC30 | | Class II | 90~264 | Single 5 · 12 · 15 · 24 | 4000 | -40°C~80°C | 64.1 x 45.6 x 23.5 CE | 3-Year |
| 40W | MSC | | Class II | 90~264 | Single 3.3 · 5 · 9 · 12 · 15 · 24 Dual ± 5 · ± 12 · ± 15 · $5/12$ · $5/24$ Triple $5/\pm 12$ · $5/\pm 15$ | 4000 | -40°C~70°C | 89.0 x 63.5 x 27.0 CE | 3-Year |
| 60W | MSC60 | | Class II | 90~264 | Single 5 · 9 · 12 · 15 · 24 | 4000 | -40°C~80°C | 89.0 x 63.5 x 27.0 CE | 3-Year |
| 100W | MQCS100 | | Class I | 90~264 | Single 12 · 24 · 48 | 4000 VAC or 5656 VDC | -30°C~70°C | 83.9 x 58.5 x 35.0 CE | 3-Year |
| 150W | MQC150 | | Class I | 90~264 | Single 12 · 24 · 48 | 4000 VAC or 5656 VDC | -30°C~70°C | 109.0 x 58.5 x 35.0 CE | 3-Year |

AC EMI Filter

■ = New Model, ■ = Current Model, ■ = Not Recommended for New Designs

| Output Power | Series | Picture | Circuit | Rated Voltage (V.AC) | Rated Current (A) | Hi Pot Rating $\leq 5mA$ (1 min) | Operating Temperature | Dimensions (mm) | Warranty |
|--------------|------------------|---------|----------------------|----------------------|-------------------|--|-----------------------|--------------------|----------|
| 1-150W | FA150 NEW | | Class I and Class II | 90~305 | 1 · 2 | Line to Line: 1800 VDC Line to Ground: 2000 VAC | -40°C~100°C | 46.0 x 25.0 x 23.5 | 3-Year |

(C) AC-DC ITE Switching Power Supply

■ = New Model, □ = Current Model, ■ = Not Recommended for New Designs

| Output Power | Series | Picture | Package Type | Circuit | I/P Voltage Range(V.AC) | Output Voltage Range (V.DC) | Isolation Voltage(V.AC) | Operating Temperature | Dimensions (mm) | Warranty |
|--------------|---------------------------|---------|-----------------------|---------|-------------------------|--|----------------------------|-----------------------|--|----------|
| 60W | AES60E AES60U | | Enclosed U Bracket | Class I | 90~264 | 5、9、12、15、24、48 | 3000 VAC or 4242 VDC | -40°C~70°C | 105.0 x 58.0 x 38.1 CE, UL, US | 3Y |
| | AES600 | | Open Frame | Class I | 90~264 | 5、9、12、15、24、48 | 3000 VAC or 4242 VDC | -40°C~70°C | 103.9 x 52.1 x 25.4 CE, UL, US | 3Y |
| | SZA600 | | Open Frame | Class I | 90~264 | 5、12、15、24、48 | 3000 VAC or 4242 VDC | -30°C~70°C | 76.3 x 50.6 x 31.5 CE, UL, US, CB | 3Y |
| | SZA60U | | U Bracket | Class I | 90~264 | 5、12、15、24、48 | 3000 VAC or 4242 VDC | -30°C~70°C | 80.0 x 59.7 x 38.0 CE, UL, US, CB | 3Y |
| 100W | AQF1000 | | Open Frame | Class I | 90~264 | 12、15、24、48 | 3000 VAC or 4242 VDC | -25°C~70°C | 103.9 x 54.1 x 24.3 CE, UL, US, CB | 3Y |
| 120W 180W | AQF120E AQF120U | | Enclosed U Bracket | Class I | 90~264 | 5、12、15、24、48 | 4000 VAC or 5656 VDC | -25°C~70°C | 127.0 x 82.2 x 38.1 CE, UL, US, CB | 3Y |
| | AQF1200 | | Open Frame | Class I | 90~264 | 5、12、15、24、48 | 4000 VAC or 5656 VDC | -25°C~70°C | 127.0 x 76.2 x 29.5 CE, UL, US, CB | 3Y |
| 130W | ARF130E NEW | | Enclosed | Class I | 90~264 | 12、24、48 | 4000 VAC or 5656 VDC | -30°C~80°C | 80.0 x 59.7 x 43.2 CE, UL, US, CB | 3Y |
| | ARF1300 NEW | | Open Frame | Class I | 90~264 | 12、24、48 | 4000 VAC or 5656 VDC | -30°C~80°C | 91.19 x 54.61 x 33.5 CE, UL, US, CB | 3Y |
| | ARF130U NEW | | U Bracket | Class I | 90~264 | 12、24、48 | 4000 VAC or 5656 VDC | -30°C~80°C | 80.0 x 59.7 x 38.0 CE, UL, US, CB | 3Y |
| 240W | AQF240E AQF240U | | Enclosed U Bracket | Class I | 90~264 | 5(AQF240E only)、 12、15、24、28、32、 36、48 | 4000 VAC or 5656 VDC | -10°C~70°C | 150.0 x 106.0 x 35.0 CE, UL, US, CB | 3Y |
| | ARF240E ARF240U NEW | | Enclosed U Bracket | Class I | 90~264 | 12、24、48 | 4000 VAC or 5656 VDC | -30°C~80°C | 104.0 x 62.5 x 39.2 CE, UL, US, CB | 3Y |
| | ARF2400 NEW | | Open Frame | Class I | 90~264 | 12、24、48 | 4000 VAC or 5656 VDC | -30°C~80°C | 102.0 x 52.0 x 27.6 CE, UL, US, CB | 3Y |
| | (H) MQF240E | | Enclosed | Class I | 90~264 | 12、15、24、48 | 4000 VAC or 5656 VDC | -30°C~70°C | 104.0 x 62.5 x 50.5 CE, UL, US, CB | 3Y |
| | (H) MQF2400 | | Open Frame | Class I | 90~264 | 12、15、24、48 | 4000 VAC or 5656 VDC | -30°C~70°C | 103.9 x 52.0 x 27.6 CE, UL, US, CB | 3Y |
| | (H) MQF240U | | U Bracket | Class I | 90~264 | 12、15、24、48 | 4000 VAC or 5656 VDC | -30°C~70°C | 104.0 x 62.5 x 39.2 CE, UL, US, CB | 3Y |
| 300W | ABR300U | | U Bracket | Class I | 90~264 | 12、24、28、48 | 3000 VAC | -40°C~65°C | 150.0 x 106.0 x 35.0 CE | 3Y |
| 360W | AQF360E | | Enclosed | Class I | 90~264 | 12、24、36、48、54 | 3000 VAC or 4242 VDC | -25°C~70°C | 172.7 x 81.3 x 53.3 CE, UL, US, CB | 3Y |
| | AQF360F | | Enclosed | Class I | 90~264 | 12、24、36、48、54 | 3000 VAC or 4242 VDC | -25°C~70°C | 197.7 x 81.3 x 40.0 CE, UL, US, CB | 3Y |
| | AQF360U | | U Bracket | Class I | 90~264 | 12、24、36、48、54 | 3000 VAC or 4242 VDC | -25°C~70°C | 172.7 x 81.3 x 38.0 CE, UL, US, CB | 3Y |
| 480W | AQFV480E | | Enclosed | Class I | 90~264 | 12、24、36、48 | 3000 VAC or 4242 VDC | -25°C~70°C | 177.8 x 106.5 x 60.3 CE, UL, US | 3Y |
| | AQFV480F | | Enclosed | Class I | 90~264 | 12、24、36、48 | 3000 VAC or 4242 VDC | -25°C~70°C | 202.8 x 106.5 x 45.0 CE, UL, US | 3Y |
| | AQFV480U | | U Bracket | Class I | 90~264 | 12、24、36、48 | 3000 VAC or 4242 VDC | -25°C~70°C | 177.8 x 106.5 x 45.0 CE, UL, US | 3Y |
| 500W | ARF500E NEW | | Enclosed | Class I | 90~264 | 12、24、48 | 4000 VAC or 5656 VDC | -30°C~80°C | 129.7 x 82.55 x 61.4 CE, UL, US, CB | 3Y |
| | ARF500U NEW | | U Bracket | Class I | 90~264 | 12、24、48 | 4000 VAC or 5656 VDC | -30°C~80°C | 129.7 x 82.55 x 40.6 CE, UL, US, CB | 3Y |
| | (H) MQF500E | | Enclosed | Class I | 90~264 | 12、15、24、48 | 4000 VAC or 5656 VDC | -30°C~70°C | 139.7 x 82.55 x 61.4 CE, UL, US, CB | 3Y |
| | (H) MQF5000 | | Open Frame | Class I | 90~264 | 12、15、24、48 | 4000 VAC or 5656 VDC | -30°C~70°C | 127.8 x 76.2 x 36.5 CE, UL, US, CB | 3Y |
| | (H) MQF500U | | U Bracket | Class I | 90~264 | 12、15、24、48 | 4000 VAC or 5656 VDC | -30°C~70°C | 139.7 x 82.55 x 40.6 CE, UL, US, CB | 3Y |
| 600W | AQF600 | | Enclosed | Class I | 90~264 | 12、24、48、54 | 3000 VAC or 4242 VDC | -25°C~70°C | 228.5 x 105.0 x 44.0 CE, UL, US | 3Y |
| 700W | AQF700 AQF700C | | Enclosed | Class I | 90~264 | 12、15、24、28、48 | 4000 VAC or 5656 VDC | -30°C~70°C | 170.2 x 93.0 x 41.0 CE, UL, US, CB | 3Y |

(H) AC-DC Medical Switching Power Supply

■ = New Model, ■ = Current Model, ■ = Not Recommended for New Designs

| Output Power | Series | Picture | Package Type | Circuit | I/P Voltage Range(V.AC) | Output Voltage Range (V.DC) | Isolation Voltage (V.AC) | Operating Temperature | Dimensions (mm) | Warranty |
|--------------|---------|---------|--------------|----------|-------------------------|-----------------------------|--------------------------|-----------------------|--------------------------------------|----------|
| 120W | MQF120E | | Enclosed | Class II | 90~264 | 12、24、48 | 4000 VAC or 5656 VDC | -30°C~70°C | 80.0 x 59.7 x 43.2 CE, RoHS, CB | 3Y |
| | MQF120O | | Open Frame | Class II | 90~264 | 12、24、48 | 4000 VAC or 5656 VDC | -30°C~70°C | 77.2 x 50.8 x 30.7 CE, RoHS, CB | 3Y |
| | MQF120U | | U Bracket | Class I | 90~264 | 12、24、48 | 4000 VAC or 5656 VDC | -30°C~70°C | 80.0 x 59.7 x 38.0 CE, RoHS, CB | 3Y |
| 240W | MQF240E | | Enclosed | Class I | 90~264 | 12、15、24、48 | 4000 VAC or 5656 VDC | -30°C~70°C | 104.0 x 62.5 x 50.5 CE, RoHS, CB | 3Y |
| | MQF240O | | Open Frame | Class I | 90~264 | 12、15、24、48 | 4000 VAC or 5656 VDC | -30°C~70°C | 103.9 x 52.0 x 27.6 CE, RoHS, CB | 3Y |
| | MQF240U | | U Bracket | Class I | 90~264 | 12、15、24、48 | 4000 VAC or 5656 VDC | -30°C~70°C | 104.0 x 62.5 x 39.2 CE, RoHS, CB | 3Y |
| 500W | MQF500E | | Enclosed | Class I | 90~264 | 12、15、24、48 | 4000 VAC or 5656 VDC | -30°C~70°C | 139.7 x 82.55 x 61.4 CE, RoHS, CB | 3Y |
| | MQF500O | | Open Frame | Class I | 90~264 | 12、15、24、48 | 4000 VAC or 5656 VDC | -30°C~70°C | 127.8 x 76.2 x 36.5 CE, RoHS, CB | 3Y |
| | MQF500U | | U Bracket | Class I | 90~264 | 12、15、24、48 | 4000 VAC or 5656 VDC | -30°C~70°C | 139.7 x 82.55 x 40.6 CE, RoHS, CB | 3Y |

(C) DC-DC Converter

■ = New Model, ■ = Current Model, ■ = Not Recommended for New Designs

| Output Power | Series | Picture | Input Voltage Range (V.DC) | | Output Voltage Range (V.DC) | Isolation Voltage (V.AC) | Operating Temperature | Dimensions (mm) | Warranty |
|--------------|------------------|---------|----------------------------|-------------------------|--|--------------------------|-----------------------|--------------------------------------|----------|
| 5W | ZC05 | | 4:1 Range 9~36 18~75 | | Single 3.3、5、12、15、24 Dual ±5、±12、±15 | 1600 | -25°C~80°C | 31.8 x 20.3 x 10.2 CE | 3-Year |
| 10W | SP10F | | 4:1 Range 9~36 18~75 | | Single 5、12、15、24 Dual ±5、±12、±15 | 3000 | -40°C~85°C | 22.0 x 9.5 x 12.0 CE | 3-Year |
| 15W | ZB15 | | 2:1 Range 9~18 18~36 | 4:1 Range 9~36 18~75 | Single 3.3、5、12、15、24 Dual ±5、±12、±15 | 1600 | -25°C~70°C | 50.1 x 25.4 x 10.8 CE, RoHS | 3-Year |
| 20W | SW20F SW20F X | | 4:1 Range 9~36 18~75 | | Single 5、12、15、24 | 2250 | -40°C~85°C | 26.0 x 26.0 x 11.3 CE, RoHS, meet | 3-Year |
| 30W | SW30F SW30F X | | 4:1 Range 9~36 18~75 | | Single 5、12、15、24 | 2250 | -40°C~85°C | 26.0 x 26.0 x 11.3 CE, RoHS, meet | 3-Year |
| 40W | SW40F SW40F X | | 4:1 Range 9~36 18~75 | | Single 5、12、15、24 | 2250 | -40°C~85°C | 26.0 x 26.0 x 11.3 CE, RoHS, meet | 3-Year |
| 50W | ST50F ST50F X | | 4:1 Range 9~36 18~75 | | Single 5、12、15、24 | 2250 | -40°C~80°C | 51.0 x 25.5 x 12.0 CE, RoHS, meet | 3-Year |
| 60W | ST60 ST60 X | | 4:1 Range 18~72 | | Single 12、15、24 | 1600 | -40°C~80°C | 52.8 x 27.5 x 13.2 CE | 3-Year |
| 80W | ST80F ST80F X | | 4:1 Range 9~36 18~75 | | Single 5、12、15、24 | 2250 | -40°C~80°C | 52.8 x 27.5 x 13.2 CE, RoHS, meet | 3-Year |
| 100W | SQ100 SQ100 X | | 8:1 Range 9~75 | | Single 5、12、15、24、48 | 2250 | -40°C~105°C | 59.7 x 36.8 x 12.7 CE | 3-Year |

Model Encoding

AC-DC ITE Power Module

| Series Name | Output Voltage & Output Type | | Option |
|--|--|---|---|
| AJC | 3.3 | S | A2 |
| ABR300 AEC60 AFC20 AFCH25 AHC08 AHCH05 / 10 AIC AJC AKC ALC ANC50 / ANCH50 AOC / AOOCH AOCH05 / AOOCH10 AOD10 APCN AQC100 ARC60 ATC30 / ATCH30 / ATCN AUC AVC AYZ AZC MFC15 MQC150 MSC60 MTC30 MZC20 | Single: 3.3S=3.3 Vdc 3.8S=3.8 Vdc 5S=5 Vdc 5.1S=5.1 Vdc 7.35S=7.35 Vdc 8S=8 Vdc 9S=9 Vdc 12S=12 Vdc 14S=14 Vdc 15S=15 Vdc 24S=24 Vdc 48S=48 Vdc Triple: 5S12D=5 / ±12 Vdc 5S15D=5 / ±15 Vdc | Dual: 5D=±5 Vdc 12D=±12 Vdc 15D=±15 Vdc 5S3.3S= 5 / 3.3 Vdc 5S12S= 5 / 12 Vdc 5S24S= 5 / 24 Vdc 8S5S= 8 / 5 Vdc 12S5S= 12 / 5 Vdc 12S7.5S= 12 / 7.5 Vdc | Din Rail Type Input Output A2= only for AEC60 / AFCH25 / AHCH05 / AHCH10 / AJC / AKC / ANCH50 / ARC60 / ATCH30 / MFC15 / MQC150 / MSC60 / MTC30 / MZC20 A5= only for AEC60 |

AC EMI Filter

| Series Name | Suitable Power | Rated Current |
|-------------|-----------------|--|
| FA | 150 | 1 |
| FA | 150=1~150 watts | 1=2A (Circuit Class I) 2=2A (Circuit Class II) 3=1A (Circuit Class II) |

AC-DC Household Power Module

| Series Name | Output Power | Output Voltage & Output Type | Option |
|------------------------------------|--|--|--|
| AFCH25 | 25 | 12 S | A2 |
| AFCH ANCH AOCH AOD ARC | 5=5 watts 10=10 watts 25=25 watts 30=30 watts 50=50 watts 60=60 watts | Single: 3.3S=3.3 Vdc 5S=5 Vdc 5.1S=5.1 Vdc 12S=12 Vdc 15S=15 Vdc 24S=24 Vdc | Din Rail Type only for AFCH25 / ANCH50 / ARC60 / ATCH30 Input Output |

AC-DC Medical Power Module

| Series Name | Output Power | Output Voltage & Output Type | Option | Option |
|---|--|--|--|--|
| MFC | 15 | 12 S | E1 | A2 |
| MFC MQC MQCS MSC MTC MZC | 15=15 watts 20=20 watts 30=30 watts 60=60 watts 100=100 watts 150=150 watts | Single: 3.3S=3.3 Vdc 5S=5 Vdc 7.35S=7.35 Vdc 9S=9 Vdc 12S=12 Vdc 15S=15 Vdc 24S=24 Vdc 48S=48 Vdc Triple: 5S12D=5 / ±12 Vdc 5S15D=5 / ±15 Vdc | E1=Operating Starts at -40°C only for MTC (15W) / MSC (40W) | Din Rail Type only for MFC15 / MZC20 / MTC30 / MSC60 / MQCS100 / MQC150 Input Output |

AC-DC Medical Switching Power Supply

| Series Name | Output Power | Package Type | Output Voltage & Output Type |
|-------------|---|---|--|
| MQF | 240 | O | 12 S |
| MQF | 120=120 watts 240=240 watts 500=500 watts | C=Current Share Function E=Enclosed O=Open Frame U=U Bracket | Single: 12S=12 Vdc 15S=15 Vdc 24S=24 Vdc 48S=48 Vdc |

AC-DC Switching Power Supply

| Series Name | Output Power | Package Type | Output Voltage & Output Type | Option |
|---|--|---|---|--|
| AES | 60 | O | 5 S | DRK |
| ABR AES AQF AQS AQFV ARF MQF SZA | 60=60 watts 100=100 watts 120=120 watts 130=130 watts 240=240 watts 300=300 watts | C=Current Share Function E=Enclosed F=Enclosed+Fan O=Open Frame U=U Bracket | Single: 5S=5 Vdc 9S=9 Vdc 12S=12 Vdc 15S=15 Vdc 24S=24 Vdc 28S=28 Vdc 32S=32 Vdc 36S=36 Vdc 48S=48 Vdc 54S=54 Vdc | Din Rail Kit (Enclosed Package Type) only for AES60 / AQF120 / AQF240 |

DC-DC Converter

| Series Name | Output Power | 4:1 Wide Input Range | Input Voltage | Output Voltage & Output Type | with Heatsink | Option | |
|----------------------------------|---|---|--|---|--|---|--|
| SW | 20 | F | 24 | 12 S | X | A2 | |
| SP SQ ST SW ZB ZC | 5=5 watts 10=10 watts 15=15 watts 20=20 watts 30=30 watts | 40=40 watts 50=50 watts 60=60 watts 80=80 watts 100=100 watts | F=4:1 Wide Input Range 2:1 Range 12=12 Vdc (9~18Vdc) 24=24Vdc (18~36Vdc) 48=48Vdc (36~75Vdc) | 4:1 Range 24=24 Vdc (9~36Vdc) 48=48Vdc (18~75Vdc) | Single: 3.3S=3.3 Vdc 5S=5 Vdc 12S=12 Vdc 15S=15 Vdc 24S=24 Vdc | Dual: 5D=±5 Vdc 12D=±12 Vdc 15D=±15 Vdc | X=with Heatsink Din Rail Type only for ST50F / ST60 / ST80F SW20F / SW30F / SW40F A2= A5= |



ARCH TAIWAN

3F., No. 79, Sec. 1, Hsin Tai Wu Rd.,
Hsi Chih, New Taipei City 22101 Taiwan
R.O.C

Tel:+886-2-2698-9508
Fax:+886-2-2698-1319
E-mail: sales@archcorp.com.tw



ARCH CHINA

No.58, Yinsheng Road,
Suzhou Industrial Park, 215126
China

Tel:+86-512-6282-8891
Fax:+86-512-6282-8881
E-mail: sales1@archcorp.com.cn

ARCH website



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