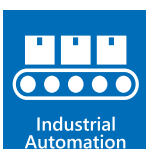


- ◆ AC-DC ITE/Household Power Module
- ◆ AC-DC Medical Power Module
- ◆ AC-DC ITE Switching Power Supply
- ◆ AC-DC Medical Switching Power Supply
- ◆ DC-DC Converter
- ◆ AC EMI Filter



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

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

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

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

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

SW20F,30F,40F Series

20/30/40 Watts    

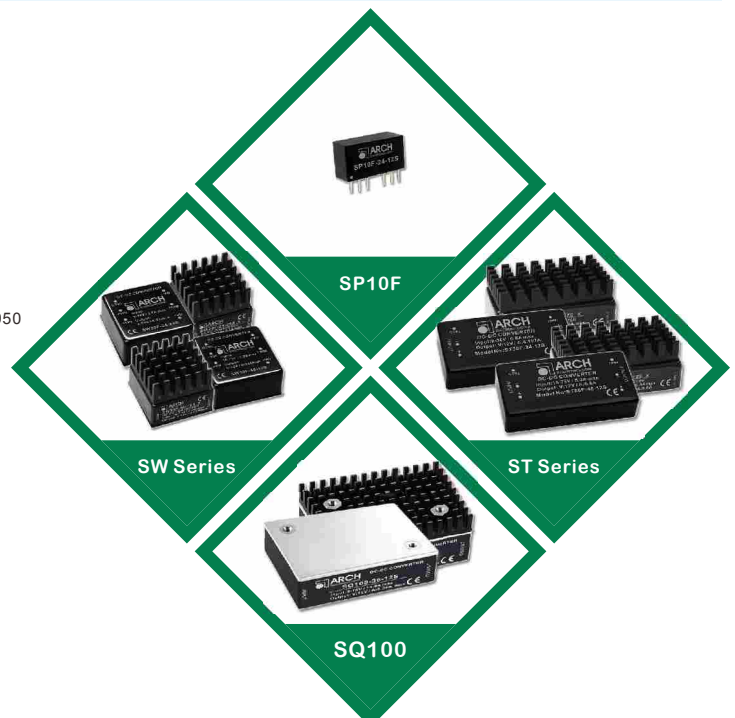
- * Size: 1.02" x 1.02" x 0.45"
- * High Efficiency up to 90%/92%
- * 4:1 Wide Input Range
- * O/P Voltage: 5, 12, 15, 24VDC
- * Without Tantalum Capacitors Inside
- * Low Ripple and Noise
- * Remote ON/OFF Control
- * Operating Tm: -40°C to +85°C
- * Screw Terminal for Option
- * Safety Meet UL / IEC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

DC-DC Converter

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	3-Year
	AOCH				Dual 5/3.3 · 8/5 · 12/5			CE CB	
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	3-Year
					Dual 5/3.3 · 8/5 · 12/5 · 12/7.5			CE	
	ALC		Class II	90~305	Single 3.3 · 5 · 8 · 9 · 12 · 14 · 15 · 24	3000	-40°C~70°C	37.66 x 28.16 x 27.5	3-Year
					Dual 5/3.3 · 8/5 · 12/5			CE	
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	3000	-25°C~70°C	69.5 x 47.5 x 21.7	3-Year
					Dual $\pm 5 \cdot \pm 12 \cdot \pm 15$			CE CB	
	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 $\pm 5 \cdot \pm 12 \cdot \pm 15 \cdot 5/12 \cdot 5/24$ 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	 AOCH05 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	 AOCH10 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 5/12、5/15	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 5/12、5/15	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 $\leq 5\text{mA}$ (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

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 	3Y
	AES60O		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 	3Y
	SZA60O		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 	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 	3Y
100W	AQF100O		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 	3Y
120W 1	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 	3Y
180W	AQF120O		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 	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 	3Y
	ARF130O 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 	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 	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 	3Y
	ARF240E NEW ARF240U		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 	3Y
	ARF240O 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 	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 	3Y
	(H) 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 	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 	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 	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 	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 	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 	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 	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 	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 	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 	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 	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 	3Y
	(H) 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 	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 	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 	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 	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  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  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  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  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  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  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  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  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  CB	3Y

(H) 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		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		3000	-40°C~85°C	22.0 x 9.5 x 12.0 CE	3-Year
					Dual ±5、±12、±15					
15W	ZB15		2:1 Range 9~18 18~36	4:1 Range 9~36 18~75	Single 3.3、5、12、15、24		1600	-25°C~70°C	50.1 x 25.4 x 10.8 CE 	3-Year
					Dual ±5、±12、±15					
20W	SW20F		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  meet	3-Year
	SW20F X									
30W	SW30F		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  meet	3-Year
	SW30F X									
40W	SW40F		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  meet	3-Year
	SW40F X									
50W	ST50F		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  meet	3-Year
	ST50F X									
60W	ST60		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
	ST60 X									
80W	ST80F		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  meet	3-Year
	ST80F X									
100W	SQ100		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
	SQ100 X									

Model Encoding

AC-DC ITE Power Module

Series Name	Output Voltage & Output Type		Option
AJC	3.3	S	A2
ABR300	Single: 3.3S=3.3 Vdc	Dual: 5D=±5 Vdc	Din Rail Type
AEC60	3.8S=3.8 Vdc	12D=±12 Vdc	Input Output
AFC20	5S=5 Vdc	15D=±15 Vdc	A2=
AFCH25	5.1S=5.1 Vdc	5S3.3S= 5 / 3.3 Vdc	only for AEC60 / AFCH25 / AHCH05 /
AHC08	7.35S=7.35 Vdc	5S12S= 5 / 12 Vdc	AHCH10 / AJC / AKC /
AHCH05 / 10	8S=8 Vdc	5S24S= 5 / 24 Vdc	ANCH50 / ARC60 / ATCH30 /
AIC	9S=9 Vdc	8S5S= 8 / 5 Vdc	MFC15 / MQC150 / MSC60 /
AJC	12S=12 Vdc	12S5S= 12 / 5 Vdc	MTC30 / MZC20
AKC	14S=14 Vdc	12S7.5S= 12 / 7.5 Vdc	
ALC	15S=15 Vdc		A5=
ANC50 / ANCH50	24S=24 Vdc		
AOC / AOCH	48S=48 Vdc		only for AEC60
AOCH05 / AOCH10			
AOD10			
APCN			
AQC100	Triple: 5S12D=5 / ±12 Vdc		
ARC60	5S15D=5 / ±15 Vdc		
ATC30 / ATCH30 / ATCN			
AUC			
AVC			
AYZ			
AZC			
MFC15			
MQC150			
MSC60			
MTC30			
MZC20			

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	5=5 watts	Single: 3.3S=3.3 Vdc	Din Rail Type
ANCH	10=10 watts	5S=5 Vdc	only for AFCH25 / ANCH50 /
AOCH	25=25 watts	5.1S=5.1 Vdc	ARC60 / ATCH30
AOD	30=30 watts	12S=12 Vdc	Input Output
ARC	50=50 watts	15S=15 Vdc	A2=
	60=60 watts	24S=24 Vdc	

AC-DC Medical Power Module

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

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	C=Current Share Function	Single: 12S=12 Vdc
	240=240 watts	E=Enclosed	15S=15 Vdc
	500=500 watts	O=Open Frame	24S=24 Vdc
		U=U Bracket	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	60=60 watts	C=Current Share Function	Single: 5S=5 Vdc	Din Rail Kit (Enclosed Package Type)
AES	100=100 watts	E=Enclosed	28S=28 Vdc	only for AES60 / AQF120 / AQF240
AQF	120=120 watts	F=Enclosed+Fan	9S=9 Vdc	
AQS	130=130 watts	O=Open Frame	32S=32 Vdc	
AQFV	240=240 watts	U=U Bracket	36S=36 Vdc	
ARF	300=300 watts		15S=15 Vdc	
SAZ			24S=24 Vdc	
			54S=54 Vdc	

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	5=5 watts	F=4:1 Wide Input Range	2:1 Range	Single: 3.3S=3.3 Vdc	X=with Heatsink	Din Rail Type
SQ	10=10 watts		12=12 Vdc (9~18Vdc)	5S=5 Vdc		only for ST50F / ST60 / ST80F
ST	15=15 watts		24=24Vdc (18~36Vdc)	12S=12 Vdc		SW20F / SW30F / SW40F
SW	20=20 watts		48=48Vdc (36~75Vdc)	15S=15 Vdc		A2=
ZB	30=30 watts			24S=24 Vdc		A5=
ZC	100=100 watts					



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