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- 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

Display & Signage | Household & Smart Buildings | Medical & Biotechnology | Industry 4.0 | Industrial Automation | Lighting Control | Security | Telecom | Transportation

Issued Date: Apr., 2020 (Ver. 20)

New Products

ITE PSU Power
ARF130 Series
130 Watt CE cULus CB

* Size:
  ARF130E: 3.15" x 2.35" x 1.574"
  ARF130U: 3.15" x 2.35" x 1.5"
* Enclosed or U Bracket Package
* Universal Input Range 90-264VAC
* O/P Voltage: 12,24,48VAC
* 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 Watt CE cULus CB

* Size:
  ARF240E/U: 4.1" x 2.44" 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: 12,24,48VAC
* 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 Watt CE cULus CB

* 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: 12,24,48VAC
* 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 Watt

* 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 Watt CE cULus CB

* 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 Watt CE cULus CB

* 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 Watt CE

* Size: 0.87" x 0.37" x 0.47"
* High Efficiency up to 89.5%
* 4:1 Wide Input Range
* O/P Voltage: 5,12,15,24,±5,±12,±15VDC
* Without Tantalum Capacitors Inside
* 3000VDC/2000VAC 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 Watt CE cULus (meet)

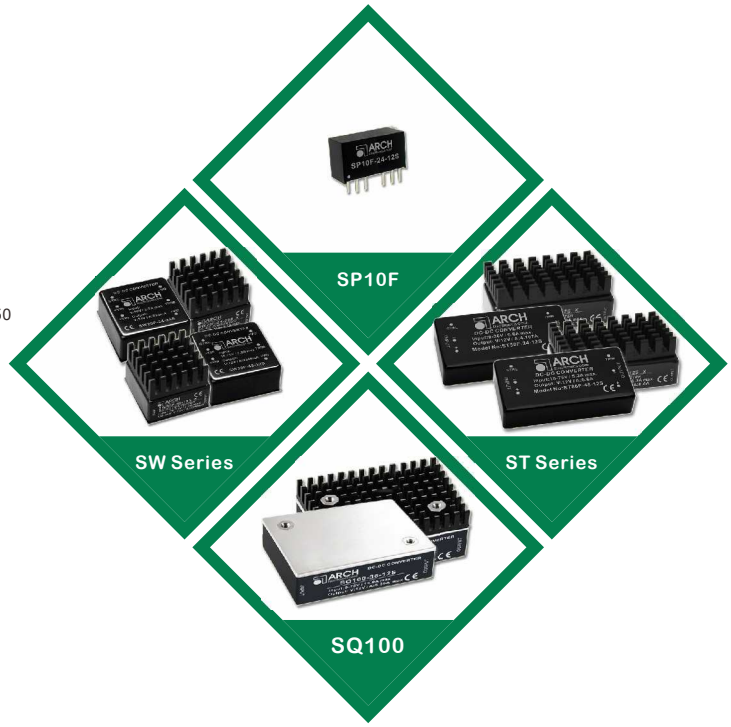
* Size: 1.02" x 1.02" x 0.45"
* High Efficiency up to 90%/92%
* 4:1 Wide Input Range
* O/P Voltage: 5,12,15,24VDC
* Without Tantalum Capacitors Inside
* Low Ripple and Noise
* Remote ON/OFF Control
* Operating Tm: -40°C to +85°C
* Screw Terminal For Option
* Safety Meet UL / IEC / EN 62368-1 & 60950

DC-DC Converter
ST50F,80F Series
50/80 Watt CE cULus (meet)

* 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 Watt CE

* 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 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	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	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	3-Year
4W	AOC AOCH		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 AOC / AOCH	3-Year
					Dual	5/3.3、8/5、12/5				
5W	AHCH05 NEW		Class II	90~305	Single	3.3、5、12、24	4000	-40°C~85°C	51.82 x 25.42 x 16.51	3-Year
	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	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	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				
	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				
10W	AHCH10 NEW		Class II	90~305	Single	5、12、15、24	4000	-40°C~85°C	52.2 x 26.8 x 19.0	3-Year
	AOCH10 NEW		Class II	90~305	Single	5、12、15、24	4000	-40°C~70°C	37.0 x 27.5 x 20.0	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	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	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	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	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	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	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	±5、±12、±15				
					Triple	5/±12、5/±15				
	MZC20		Class II	90~264	Single	12、24	4000	-40°C~80°C	52.5 x 27.5 x 23.5	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	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	3-Year
	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	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	3-Year
40W	AJC		Class II	90~264	Single	3.3、5、9、12、15、24	3000	-40°C~70°C	89.5 x 64.1 x 25.0	3-Year
					Dual	±5、±12、±15、5/12、5/24				
					Triple	5/±12、5/±15				
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	3-Year
	ANCH50 NEW		Class II	90~305	Single	12、15、24	4000	-40°C~70°C	74.2 x 47.0 x 23.1	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	3-Year
	ARC60 NEW		Class II	90~264	Single	12、15、24	4000	-40°C~85°C	74.2 x 47.0 x 23.1	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	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	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	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	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	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	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	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	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	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	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	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	3-Year
	MTC		Class II	90~264	Single Dual Triple	3.3、5、7.35、9、12、15、24 ±5、±12、±15 5/±12、5/±15	4000	-25°C~70°C or -40°C~70°C	64.1 x 45.6 x 23.5	3-Year
20W	MZC20		Class II	90~264	Single	12、24	4000	-40°C~80°C	52.5 x 27.5 x 23.5	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	3-Year
40W	MSC		Class II	90~264	Single Dual Triple	3.3、5、9、12、15、24 ±5、±12、±15、5/12、5/24 5/±12、5/±15	4000	-25°C~70°C or -40°C~70°C	89.0 x 63.5 x 27.0	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	3-Year
100W	MQCS100		Class I	90~264	Single	12、24、48	4000 VAC or 5656 VDC	-30°C~70°C	83.9 x 50.8 x 35.0	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	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 ≦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

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 ~ 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	3Y
	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	NEW ARF130E		Enclosed	Class I	90~264	12、24、48	4000 VAC or 5656 VDC	-30°C~80°C	80.0 x 59.7 x 40.0	3Y
	NEW ARF130U		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(except AQF240E)、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
	NEW ARF240E ARF240U		Enclosed U Bracket	Class I	90~264	12、24、48	4000 VAC or 5656 VDC	-30°C~80°C	104.0 x 62.0 x 39.2	3Y
	NEW ARF240O		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
	(田) MQF240E		Enclosed	Class I	90~264	12、15、24、48	4000 VAC or 5656 VDC	-30°C~70°C	104.0 x 62.0 x 50.5	3Y
	(田) 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
	(田) MQF240U		U Bracket	Class I	90~264	12、15、24、48	4000 VAC or 5656 VDC	-30°C~70°C	104.0 x 62.0 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	NEW ARF500E		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
	NEW ARF500U		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
	(田) 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
	(田) 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 35.0	3Y
	(田) 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

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 cULus 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 cULus 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 cULus 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 62.0 x 50.5 CE cULus 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 cULus 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 62.0 x 39.2 CE cULus 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 cULus 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 35.0 CE cULus 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 cULus CB	3Y

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 NEW		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 cULus	3-Year
20W	SW20F NEW 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 cULus meet	3-Year
30W	SW30F NEW 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 cULus meet	3-Year
40W	SW40F NEW 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 cULus meet	3-Year
50W	ST50F NEW 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 cULus 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 NEW 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 cULus meet	3-Year
100W	SQ100 NEW		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 Number System

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 / AOCH
AOCH05 / AOCH10
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

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

Triple: 5S12D=5 /±12 Vdc, 5S15D=5 /±15 Vdc

Option

A2
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 watt

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 watt
10=10 watt
25=25 watt
30=30 watt
50=50 watt
60=60 watt

Single: 3.3S=3.3 Vdc, 5S=5 Vdc, 5.1S=5.1 Vdc, 12S=12 Vdc, 15S=15 Vdc, 24S=24 Vdc

Option

A2
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

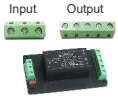
15=15 watt
20=20 watt
30=30 watt
60=60 watt
100=100 watt
150=150 watt

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

Dual: 5D=±5 Vdc, 12D=±2 Vdc, 15D=±15 Vdc, 5S12S= 5 / 12 Vdc, 5S24S= 5 / 24 Vdc

Triple: 5S12D=5 /±12 Vdc, 5S15D=5 /±15 Vdc

E1=Operating Starts at -40°C
only for MTC (15W) / MSC (40W)

A2
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 watt
240=240 watt
500=500 watt

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 watt, 100=100 watt, 120=120 watt, 130=130 watt, 240=240 watt, 300=300 watt, 360=360 watt, 480=480 watt, 500=500 watt, 600=600 watt, 700=700 watt

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 watt, 10=10 watt, 15=15 watt, 20=20 watt, 30=30 watt, 40=40 watt, 50=50 watt, 60=60 watt, 80=80 watt, 100=100 watt

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=

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