



Energy Power



Energy Power

Bringing Excellence to Power™

Energy Power, based in Shenzhen, China, is a leading supplier of power conversion solutions to the Chinese market. We have now begun offering our product portfolio and customization services to the North American market and will soon expand into Europe. Through our direct sales force and international distributors, we are proud of our more than 7 years of excellence in serving customers worldwide.

Specialized in the design and manufacture of robust, high quality power conversion systems, Energy Power carries an incredibly broad range of DC-DC converters and AC-DC power supplies. There are over 1,000 models in our product line designed to meet the requirements of a broad range of applications. Energy Power manufactures both standard and customized high density and high power multiple output modules. The principal markets for our power conversion solutions are large OEMs as well as smaller, lower volume users, distributed across the Medical, Aviation, Military, Industrial, Transportation and LED marketplaces.



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DC/DC Military & Avionics

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XE	30~50	9~72	5~15	1~2	02
XD	30~50	9~72	15~28	1~2	02
WZ	75~150	9~72	3.3~48	1~2	03
YN	75~300	9~72	3.3~48	1~2	03
EH	150~350	16~75	3.3~48	1~2	04
EH	400	240~280	12~48	1	04
FM	300~700	36~72	12~48	1	05
ZG	500~800	180~420	12~48	1	05
ZL	800~1000	150~340	12~48	1	06

DC/DC Telecom

Series	Power (W)	Inputs (Vdc)	Output (Vdc)	Page
TQ	100~420	36~75	3.3~48	06
TH	100~450	36~72	12~48	07
TF	300~700	36~72	12~48	07

DC/DC Rail Transport

Series	Power (W)	Inputs (Vdc)	Output (Vdc)	Page
RW100	50~100	43~160	5~48	08
RW150	75~150	43~160	5~48	08
RW200	200~250	80~160	48	09
RW800	800	23~42	36	09

DC/DC Function Module

Series	Function	Page
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PFC Module

Series	Power (W)	Inputs (Vac)	Output (Vdc)	Page
SC100	100	90~264	400	12
SC300	300	90~264	400	13
SC500	500	170~264	400	13
SC1000	1000	170~264	400	14

AC/DC Medical

Series	Power (W)	Inputs (Vac)	Output (Vdc)	Outputs	Page
MD25	25	90~264	12~18	3	14
MD30	30~50	90~264	12~18	3	15
MD40	40	90~264	5~16.4	3	15
MD50	50	90~264	-12~13.7	4	16
SC50	50	90~264	5~12	2	16
SC60A	60	90~264	5~48	1	17
SC60B	60	90~264	5~48	1	17
SC60C	60	90~264	5~48	1	18
SC60D	60	90~264	5~48	1	18
BM60	60	90~264	5~53	1	19
MDA60	60	90~264	5~48	3	19
MD65	65	90~264	5~24	4	20
MD120	120	90~264	12	4	20
MD175	175	90~264	-12~12	1	21
MD180A	180	90~264	24~56	1	21

AC/DC Telecom

Series	Power (W)	Inputs	Output(Vdc)	Outputs	Page
CMA45	45	165~2852Vac	9	3	22
CMA160	160	160~290Vac	9~28	1~2	22
SC224	224	140~300Vac	28	1	23
SC280	280	160~300Vac	12~28	3	23
SC330	330	165~280Vac	9~27	2	24
SC400	400	140~300Vac	3.3~12	2	24
CMA500	500	165~270Vac	5.8~30	1~4	25

AC/DC Module

Series	Power (W)	Inputs (Vac)	Output (Vdc)	Outputs	Page
FM500	500	90~286	28	1	25

Model Number Description

ZG	800	-	250	S	24	-	P	E	C	W
Series	Output Power		Input Voltage	Output NO.	Output Voltage		Options	Package Option	Grade	Other
	800=800W		320=180~420Vdc 200=150~300Vdc 48=36~72Vdc 24=18~36Vdc 12=9~18Vdc	S=Single D=Dual T=Triple Q=Quad F=Five	24=24Vdc 3V3=3.3Vdc		P=Positive N=Negative	O=Open Frame E=Encapsulated	C=COTS I=Industrial M=Hi-Rel	B=Pin Surface Heat Dissipation W=Wide Input Voltage

MIL-STD-704 MIL-STD-810 MIL-STD-1399

5~15W MT Series

Specification

Maximum Output Power	15W	
Operating Temperature Range	-55~100°C	
Input Voltage Range	9~72Vdc	
Output Voltage	3.3~48Vdc	
Number of Outputs	1~2	
Efficiency	91%	
Size (L*W*H)	Open Frame	29.5*18.5*10.0mm
	Plastic Casing	32.0*21.0*13.0mm
	Metal Casing	31.7*20.5*12.5mm



Features

- High Efficiency
- Compact Size
- Multi-Function Protection

Product

Output(V)	3.3	5	7.5	12	15	24	28	36	48	Other
Power(W)										
5		●	●	●						
13	●	●	●	●	●	●		●	●	

MIL-STD-704 MIL-STD-810 MIL-STD-1399

6~10W EQ Series

Specification

Maximum Output Power	10W	
Operating Temperature Range	-55~100°C	
Input Voltage Range	18~36Vdc	
Output Voltage	5, ±15Vdc	
Number of Outputs	3	
Efficiency	70%	
Size (L*W*H)	59.0*38.0*11.5mm	



Features

- High Reliability
- Multi-Function Protection
- Low Output Ripple & Noise

Product

Output(V)	-15	3.3	5	7.5	12	15	24	28	36	48	Other
Power(W)											
6	●		●			●					●

XE

Series 30~50W

MIL-STD-704 MIL-STD-810 MIL-STD-1399

Specification

Maximum Output Power	50W	
Operating Temperature Range	-55~100°C	
Input Voltage Range	9~72Vdc	
Output Voltage	5~15Vdc	
Number of Outputs	1~2	
Efficiency	91%	
Size (L*W*H)	Open Frame	51.8*33.5*9.5mm
	Metal Casing	55.2*37.0*12.3mm



Features

- High Efficiency
- High Reliability
- Multi-Function Protection
- Flexibility and Expandability

Product

Output(V)	3.3	5	12	15	24	28	36	48	Other
Power(W)									
30		●	●	●					●
50		●	●	●					●

XD

Series 30~50W

MIL-STD-704 MIL-STD-810 MIL-STD-1399

Specification

Maximum Output Power	50W	
Operating Temperature Range	-55~100°C	
Input Voltage Range	9~72Vdc	
Output Voltage	-15~28Vdc	
Number of Outputs	1~2	
Efficiency	91%	
Size (L*W*H)	Open Frame	52.8*37.6*9.5mm
	Plastic Casing	56.0*40.7*12.7mm
	Metal Casing	55.8*40.6*11.8mm



Features

- High Efficiency
- Multi-Function Protection
- Flexibility and Expandability

Product

Output(V)	3.3	5	12	15	24	28	36	48	Other
Power(W)									
30		●	●	●	●	●			●
50		●	●	●	●	●			●

MIL-STD-704 MIL-STD-810 MIL-STD-1399

75~150W WZ Series

Specification

Maximum Output Power	150W
Operating Temperature Range	-55~100°C
Input Voltage Range	9~72Vdc
Output Voltage	3.3~48Vdc
Number of Outputs	1~2
Efficiency	>90%
Size (L*W*H)	59.0*38.0*11.5mm



Features

- High Reliability
- Multi-Function Protection
- Good Electromagnetic Compatibility

Product

Output(V)	3.3	5	8	12	15	24	28	36	48	Other
Power(W)										
75	●	●	●	●	●	●	●		●	●
100	●	●	●	●	●	●	●		●	●
150		●	●	●	●	●	●		●	●

MIL-STD-704 MIL-STD-810 MIL-STD-1399

75~300W YN Series

Specification

Maximum Output Power	300W	
Operating Temperature Range	-55~100°C	
Input Voltage Range	9~72Vdc	
Output Voltage	3.3~48Vdc	
Number of Outputs	1~2	
Efficiency	>90%	
Size (L*W*H)	Open Frame	55.9*34.8*10.5mm
	Plastic Casing	58.6*37.6*11.8mm
	Metal Casing	59.0*38.0*11.5mm



Features

- High Efficiency
- High Reliability
- Multi-Function Protection
- High Flexibility and Expandability

Product

Output(V)	3.3	5	8	12	15	24	28	36	48	Other
Power(W)										
100	●	●	●	●	●	●	●			●
150		●	●	●	●	●	●			●
300				●						

EH

Series 150~350W

MIL-STD-704 MIL-STD-810 MIL-STD-1399

Specification

Maximum Output Power	350W
Operating Temperature Range	-55~100°C
Input Voltage Range	16~75Vdc
Output Voltage	3.3~48Vdc
Number of Outputs	1~2
Efficiency	92%
Size (L*W*H)	61.0*57.9*12.7mm



Features

- High Reliability
- Multi-Function Protection
- Good Electromagnetic Compatibility
- Logic Level Remote Control ON / OFF

Product

Output(V)	3.3	5	12	15	24	28	36	48	Other
Power(W)									
150	●	●	●	●	●	●		●	●
200	●	●	●	●	●	●		●	●
250		●	●	●	●	●		●	●
350			●	●	●	●		●	●

EH

400 Series 400W

MIL-STD-704 MIL-STD-810 MIL-STD-1399

Specification

Maximum Output Power	400W
Operating Temperature Range	-55~100°C
Input Voltage Range	240~280Vdc
Output Voltage	12~48Vdc
Number of Outputs	1
Efficiency	92.5%
Size (L*W*H)	64.0*61.0*13.5mm



Features

- High Efficiency
- High Reliability
- Multi-Function Protection
- Output Voltage Trim
- Active Current Sharing
- Start Synchronization
- Advanced CPU Control

Product

Output(V)	3.3	5	10	12	15	24	28	36	48	96	Other
Power(W)											
150				●		●	●	●	●		

FM Series

300~700W

MIL-STD-704 MIL-STD-810 MIL-STD-1399

Specification

Maximum Output Power	700W
Operating Temperature Range	-55~100°C
Input Voltage Range	36~72Vdc
Output Voltage	12~48Vdc
Number of Outputs	1
Efficiency	91%
Size (L*W*H)	118.4*62.6*13.0mm



Features

- Output Voltage Trim
- Multi-Function Protection
- Logic Level Remote Control ON / OFF

Product

Output(V)	3.3	5	12	15	24	28	30	36	48	Other
Power(W)										
300			•							•
500						•				•
600						•				•
700						•	•			•

ZG Series

500~800W

MIL-STD-704 MIL-STD-810 MIL-STD-1399

Specification

Maximum Output Power	800W	
Operating Temperature Range	-55~100°C	
Input Voltage Range	180~420Vdc	
Output Voltage	12~48Vdc	
Number of Outputs	1	
Efficiency	93%	
Size (L*W*H)	Open Frame	113.3*73.2*12.7mm
	Plastic Casing	118.0*77.5*16.5mm
	Metal Casing	116.7*76.5*16.3mm



Features

- High Efficiency
- High Reliability
- Wide Range Input

Product

Output(V)	3.3	5	12	15	24	25	27	28	36	48	Other
Power(W)											
500					•						•
600					•						•
700					•						•
800			•		•	•	•	•	•	•	•

ZL

Series 800~1000W

MIL-STD-704 MIL-STD-810 MIL-STD-1399

Specification

Maximum Output Power	1000W	
Operating Temperature Range	-55~100°C	
Input Voltage Range	150~340Vdc	
Output Voltage	12~48Vdc	
Number of Outputs	1	
Efficiency	>93%	
Size (L*W*H)	Open Frame	113.3*73.2*13.0mm
	Plastic Casing	118.0*77.5*16.5mm
	Metal Casing	116.7*76.5*16.3mm



Features

High Efficiency
Improve The Function of Protection

Product

Output(V)	3.3	5	12	15	24	25	27	28	36	48	Other
Power(W)											
800					•	•	•	•			•
1000											•

TQ

Series 100~420W



Specification

Maximum Output Power	420W
Operating Temperature Range	-40~85°C
Input Voltage Range	36~75Vdc
Output Voltage	3.3~48Vdc
Number of Outputs	1
Efficiency	93%
Size (L*W*H)	57.9*36.8*12.7mm



Features

Industrial Standard 1/4 Brick Module
High Efficiency
High Power Density
Logic Level Remote ON / OFF
Good Electromagnetic Compatibility

Product

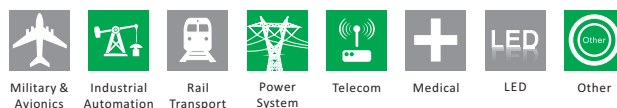
Output(V)	1.2	1.5	1.8	3.3	5	12	15	24	28	36	53.5	48	68	96	Other
Power(W)															
36		•													
45		•	•	•	•										
50					•										
60		•													
80										•			•		
100					•	•								•	
420						•									



100~450W TH Series

Specification

Maximum Output Power	450W
Operating Temperature Range	-40~85°C
Input Voltage Range	36~72Vdc
Output Voltage	12~48Vdc
Number of Outputs	1
Efficiency	92%
Size (L*W*H)	57.9*61.0*13.0mm



Features

- Industry Standard Modules: Half Brick
- High Efficiency
- High Reliability
- Multi-Function Protection
- Flexibility and Expandability

Product

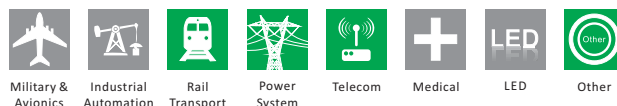
Output(V)	3.3	5	12	15	24	28	36	48	Other
Power(W)									
100		●	●	●	●	●			●
350		●	●	●	●	●			●
450			●	●	●	●			●



300~700W TF Series

Specification

Maximum Output Power	700W
Operating Temperature Range	-40~85°C
Input Voltage Range	36~72Vdc
Output Voltage	12~48Vdc
Number of Outputs	1
Efficiency	92%
Size (L*W*H)	115.6*59.8*13.0mm



Features

- Industry Standard Modules: Full Brick
- Logic Level Remote Control ON / OFF
- Output Voltage Trim
- Multi-Function Protection

Product

Output(V)	3.3	5	12	15	24	28	36	48	Other
Power(W)									
300		●							
500			●	●	●	●			
700					●	●			

RW

100
50~100W



Specification

Maximum Output Power	100W
Operating Temperature Range	-40~100°C
Input Voltage Range	43~160Vdc
Output Voltage	5~48Vdc
Number of Outputs	1
Efficiency	88%
Size (L*W*H)	64.8*61.8*14.0mm



Features

- High Efficiency
- High Power Density
- Wide Range Input
- To Provide a Reliable EMI

Product

Output(V) \ Power(W)	3.3	5	12	15	24	28	36	48	Other
70		●							●
100			●		●		●	●	●

RW

150
75~150W



Specification

Maximum Output Power	150W
Operating Temperature Range	-40~100°C
Input Voltage Range	43~160Vdc
Output Voltage	5~48Vdc
Number of Outputs	1
Efficiency	88%
Size (L*W*H)	64.8*61.8*14.0mm



Features

- High Efficiency
- High Power Density
- Wide Range Input
- To Provide a Reliable EMI

Product

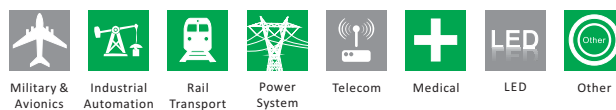
Output(V) \ Power(W)	3.3	5	12	15	24	28	36	48	Other
75		●							●
100			●						●
150					●		●	●	●



200~250W RW 200

Specification

Maximum Output Power	250W
Operating Temperature Range	-40~100°C
Input Voltage Range	80~160Vdc
Output Voltage	48Vdc
Number of Outputs	1
Efficiency	88%
Size (L*W*H)	64.8*61.8*14.0mm



Features

- High Efficiency
- High Power Density
- No Minimum Load
- Wide Voltage Input Range

Product

Output(V)	3.3	5	12	15	24	28	36	48	Other
Power(W)									
200								•	•
250								•	•



800W RW 800

Specification

Maximum Output Power	800W
Operating Temperature Range	-40~100°C
Input Voltage Range	23~42Vdc
Output Voltage	36Vdc
Number of Outputs	1
Efficiency	90%
Size (L*W*H)	221.0*173.5*60.0mm



Features

- High Efficiency
- High Power Density
- No Minimum Load
- Wide Voltage Input Range

Product

Output(V)	3.3	5	12	15	24	28	36	48	Other
Power(W)									
800							•		•

EM

Series

EMI Filter Modules



Specification

Maximum Output Power	30A
Operating Temperature Range	-55~100°C
Input Voltage Range	9~75Vdc
Output Voltage	9~75Vdc
Efficiency	98%
Size (L*W*H)	59.0*38.0*11.5mm



Features

High Efficiency
 High Power Density
 Good Electromagnetic Compatibility

Product

Output(V) current(A)	3.3	5	12	15	24	28	36	48	Other
20			●		●	●		●	●
25			●		●	●		●	●
30			●		●	●		●	●

YJ

TPC

Surge Protection Modules



Specification

Maximum Output Power	<150W
Operating Temperature Range	-40~100°C
Input Voltage Range	43~385Vdc
Output Voltage	43~160Vdc
Number of Outputs	1
Efficiency	98%
Size (L*W*H)	59.0*38.0*11.5mm



Features

High Efficiency
 Multi-Function Protection
 Flexibility and Expandability

MIL-STD-461 MIL-STD-704 MIL-STD-810 MIL-STD-1399

Ripple Attenuator Modules

Specification

Operating Temperature Range	-40~100°C
Input Voltage Range	5~50Vdc/20A
Output Voltage	5~50Vdc/20A
Number of Outputs	1
Efficiency	93~99%
Size (L*W*H)	59.0*38.0*11.5mm



Features

- High Efficiency
- Multi-Function Protection
- Flexibility and Expandability

MIL-STD-461 MIL-STD-704 MIL-STD-810 MIL-STD-1399

Instant Power Interruption Hold-Up Modules

Specification

Maximum Output Power	150W
Operating Temperature Range	-40~100°C
Input Voltage Range	10~40Vdc
Output Voltage	28Vdc
Number of Outputs	1
Efficiency	90%
Size (L*W*H)	59.0*38.0*11.5mm



Features

- High Efficiency
- High Power Density
- Wide Voltage Input

Product

Output(V) \ Power(W)	3.3	5	12	15	24	28	36	48	Other
100						●			●
120						●			●
150						●			●

CL

1000

Instant Power Interruption
Hold-Up Modules

MIL-STD-461 MIL-STD-704 MIL-STD-810 MIL-STD-1399

Specification

Maximum Output Power	1000W
Operating Temperature Range	-40~100°C
Input Voltage Range	50~300Vdc
Output Voltage	160~280Vdc
Number of Outputs	1
Efficiency	92%
Size (L*W*H)	118.0*77.5*16.5mm



Features

High Efficiency
Boost Modules For Ultra Wide Input Voltage

SC

100

PFC Module



Specification

Maximum Output Power	100W
Operating Temperature Range	-20~85°C
Input Voltage Range	90~264Vac
Output Voltage	400Vdc
Number of Outputs	1
Efficiency	97%
Size (L*W*H)	58.6*37.6*12.3mm



Features

High Efficiency
High Power Density
Compact Size
Meet IEC 6100-3-2

Product

Output(V)	3.3	5	12	15	24	28	36	48	400	Other
Power(W)									•	•
100										

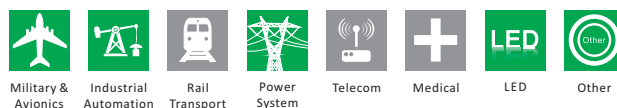


PFC Module SC

300

Specification

Maximum Output Power	300W
Operating Temperature Range	-20~85°C
Input Voltage Range	90~264Vac
Output Voltage	400Vdc
Number of Outputs	1
Efficiency	96%
Size (L*W*H)	76.9*76.9*12.7mm



Features

- High Efficiency
- High Power Density
- Compact Size
- Meet IEC6100-3-2

Product

Output(V)	3.3	5	12	15	24	28	36	48	400	Other
Power(W)									●	●
300										

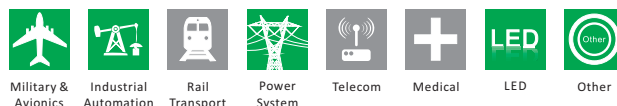


PFC Module SC

500

Specification

Maximum Output Power	500W
Operating Temperature Range	-20~85°C
Input Voltage Range	170~264Vac
Output Voltage	400Vdc
Number of Outputs	1
Efficiency	96%
Size (L*W*H)	76.9*76.9*12.7mm



Features

- High Efficiency
- High Power Density
- Compact Size
- Meet IEC 6100-3-2

Product

Output(V)	3.3	5	12	15	24	28	36	48	400	Other
Power(W)									●	●
500										

SC

1000

PFC Module



Specification

Maximum Output Power	1000W
Operating Temperature Range	-20~85°C
Input Voltage Range	170~264Vac
Output Voltage	400Vdc
Number of Outputs	1
Efficiency	96%
Size (L*W*H)	118.0*77.5*16.5mm



Features

- High Efficiency
- High Power Density
- Compact Size
- Meet IEC6100-3-2

Product

Output(V)	3.3	5	12	15	24	28	36	48	400	Other
Power(W)										
1000									●	●

MD

25

25W



Specification

Maximum Output Power	25W
Operating Temperature Range	5~40°C
Input Voltage Range	90~264Vac
Output Voltage	12~18Vdc
Number of Outputs	1
Efficiency	82%
Size (L*W*H)	70.0*48.0*25.0mm



Features

- Natural Cooling
- Frequency Jitter, Reliable EMI
- Over-Temperature Protection
- No Minimum Load Requirements
- Medical Certification Complies With IEC60601

Product

Output(V)	3.3	5	12	15	18	28	36	48	Other
Power(W)									
25			●	●	●				



30W MD

30

Specification

Maximum Output Power	30~50W
Operating Temperature Range	0~50°C
Input Voltage Range	90~264Vac
Output Voltage	12~18Vdc
Number of Outputs	1
Efficiency	89%
Size (L*W*H)	76.2*50.8*28.0mm



Features

Natural Cooling
 Frequency Jitter, Reliable EMI
 Medical Certification Complies With IEC60601

Product

Output(V)	3.3	5	12	15	18	28	36	48	Other
Power(W)									
30			●	●	●				●
50			●	●	●				●

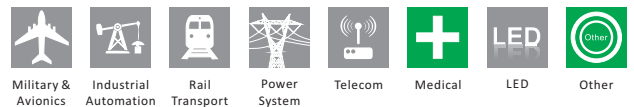


40W MD

40

Specification

Maximum Output Power	40W
Operating Temperature Range	-5~40°C
Input Voltage Range	90~264Vac, 12Vdc, +14.8Vdc BATT
Output Voltage	+5V/2.0A, +12V/1.5A, +16.4V/0.85A
Number of Outputs	3
Efficiency	80%
Size (L*W*H)	127.0*84.5*35.0mm



Features

Natural Cooling
 Frequency Jitter, Reliable EMI
 Medical Certification Complies With IEC60601

Product

Output(V)	3.3	5	12	15	16.4	24	28	36	48	Other
Power(W)										
40		●	●		●					●

MD

50
50W



Specification

Maximum Output Power	50W
Operating Temperature Range	0~50°C
Input Voltage Range	90~264Vac, 12Vdc BATT
Output Voltage	+5V/3.0A, +12V/2.0A, +13.7V/0.57A, -12V/0.2A
Number of Outputs	4
Efficiency	80%
Size (L*W*H)	130.0*91.0*31.6mm



Features

Natural Cooling
Frequency Jitter, Reliable EMI
Medical Certification Complies With IEC60601

Product

Output(V)	-12	3.3	5	12	13.7	15	24	28	36	48	Other
Power(W)											
50	●		●	●	●						●

SC

50
50W



Specification

Maximum Output Power	50W
Operating Temperature Range	0~70°C
Input Voltage Range	90~264Vac
Output Voltage	5V/3A, 12V/3A
Number of Outputs	2
Efficiency	85%
Size (L*W*H)	127.0*76.0*37.0mm



Features

Natural Cooling
Frequency Jitter, Reliable EMI
Over-Temperature Protection
No Minimum Load Requirements
Medical Certification Complies With IEC60601

Product

Output(V)	3.3	5	12	15	24	28	36	48	Other
Power(W)									
15		●							●
36			●						●



30~60W SC

60A

Specification

Maximum Output Power	60W
Operating Temperature Range	0~70°C
Input Voltage Range	90~264Vac
Output Voltage	5~48Vdc
Number of Outputs	1
Efficiency	89%
Size (L*W*H)	127.0*76.0*30.0mm



Features

- Natural Cooling
- Frequency Jitter, Reliable EMI
- Over-Temperature Protection
- No Minimum Load Requirements
- Medical Certification Complies With IEC60601

Product

Output(V)	3.3	5	12	15	24	28	36	48	Other
Power(W)									
30		●							●
54		●	●						●
60		●	●	●	●	●		●	●



30~60W SC

60B

Specification

Maximum Output Power	60W
Operating Temperature Range	0~70°C
Input Voltage Range	90~264Vac
Output Voltage	5~48Vdc
Number of Outputs	1
Efficiency	89%
Size (L*W*H)	127.0*76.0*30.0mm



Features

- Natural Cooling
- Frequency Jitter, Reliable EMI
- Over-Temperature Protection
- No Minimum Load Requirements
- Medical Certification Complies With IEC60601

Product

Output(V)	3.3	5	12	15	24	28	36	48	Other
Power(W)									
30		●							●
54		●	●						●
60		●	●	●	●	●	●	●	●

SC

60C

30~60W



Specification

Maximum Output Power	60W
Operating Temperature Range	0~70°C
Input Voltage Range	90~264Vac
Output Voltage	5~48Vdc
Number of Outputs	1
Efficiency	89%
Size (L*W*H)	127.0*76.0*30.0mm



Features

- Natural Cooling
- Frequency Jitter, Reliable EMI
- Over-Temperature Protection
- No Minimum Load Requirements
- Medical Certification Complies With IEC60601

Product

Output(V)	3.3	5	12	15	24	28	36	48	Other
Power(W)									
30		●							●
54		●	●						●
60		●	●	●	●	●	●	●	●

SC

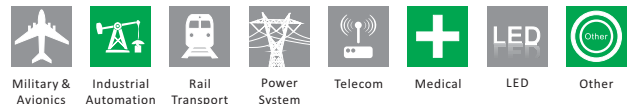
60D

30~60W



Specification

Maximum Output Power	60W
Operating Temperature Range	0~70°C
Input Voltage Range	90~264Vac
Output Voltage	5~48Vdc
Number of Outputs	1
Efficiency	89%
Size (L*W*H)	127.0*76.0*37.0mm



Features

- Natural Cooling
- Frequency Jitter, Reliable EMI
- Over-Temperature Protection
- No Minimum Load Requirements
- Medical Certification Complies With IEC60601

Product

Output(V)	3.3	5	12	15	24	28	36	48	Other
Power(W)									
54		●	●						●
60		●	●	●	●	●	●	●	●



60W BM 60

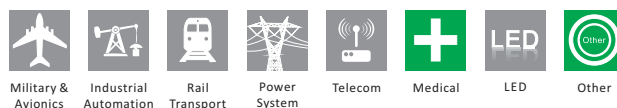
Specification

Maximum Output Power	60W
Operating Temperature Range	0~60°C
Input Voltage Range	90~264Vac
Output Voltage	5~53.5Vdc
Number of Outputs	1
Efficiency	92%
Size (L*W*H)	127.0*65.0*22.0mm



Features

- High Efficiency
- Peak power: 90W
- IP22 waterproof rated
- Meets IEC60601-1-2: 2014/15
- No load power consumption ≤ 210mW (Level VI)
- Over-voltage/temperature/load & short-circuit protection
- Medical safety approved (2 X MOPP)



Product

Output(V)	5	9	12	19	24	28	36	48	53	Other
Power(W)	●	●	●	●	●	●	●	●	●	●
60	●	●	●	●	●	●	●	●	●	●



60W MDA

Specification

Maximum Output Power	60W
Operating Temperature Range	0~40°C
Input Voltage Range	90~264Vac
Output Voltage	5~48Vdc
Number of Outputs	1
Efficiency	87%
Size (L*W*H)	115.0*63.0*38.3mm



Product

Output(V)	3.3	5	12	15	24	28	36	40	48	Other
Power(W)		●	●	●	●	●		●	●	●
60		●	●	●	●	●		●	●	●

Features

- High Efficiency
- High Reliability
- Multi-Function Protection
- Flexible and Extensible Function
- Medical Certification Complies With IEC60601

MD

65 65W



Specification

Maximum Output Power	65W
Operating Temperature Range	0~50°C
Input Voltage Range	90~264Vac
Output Voltage	5V, 24V, 8~20V
Number of Outputs	3
Efficiency	85%
Size (L*W*H)	175.0*80.0*35.0mm



Features

- High Power Density
- Multiplexed Output
- Over-Temperature Protection
- No Minimum Load Requirements
- Medical Certification Complies With IEC60601

Product

Output(V)	3.3	5	12	15	24	28	36	40	48	Other
Power(W)		●	●	●	●					●
60										

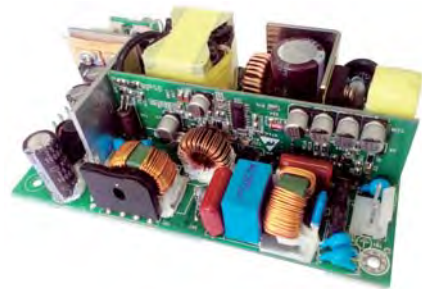
MD

120 120W



Specification

Maximum Output Power	120W
Operating Temperature Range	0~70°C
Input Voltage Range	90~264Vac
Output Voltage	12Vdc
Number of Outputs	1
Efficiency	85%
Size (L*W*H)	127.0*76.2*39.0mm



Features

- Natural Cooling
- Frequency Jitter, Reliable EMI
- Over-Temperature Protection
- No Minimum Load Requirements
- Medical Certification Complies With IEC60601

Product

Output(V)	3.3	5	12	15	24	28	36	40	48	Other
Power(W)			●							●
120										



175W MD

175

Specification

Maximum Output Power	175W
Operating Temperature Range	0~50°C
Input Voltage Range	90~264Vac
Output Voltage	-12V/1A,+5V/10A,3.3V/15A,+12V/5A
Number of Outputs	4
Efficiency	85%
Size (L*W*H)	127.0*76.2*32.0mm



Features

- High Power Density
- Multiplexed Output
- Over-Temperature Protection
- No Minimum Load Requirements
- Medical Certification Complies With IEC60601

Product

Output(V)	-12	3.3	5	12	15	24	28	36	48	Other
Power(W)										
12	●									●
50		●	●							●
60				●						●



180W MD

180A

Specification

Maximum Output Power	180W
Operating Temperature Range	-10~55°C
Input Voltage Range	90~264Vac
Output Voltage	24~56Vdc
Number of Outputs	1~2
Efficiency	88%
Size (L*W*H)	201.0*72.0*40.0mm



Features

- High Efficiency
- High Power Density
- Small Power Dissipation
- Multi-Function Protection
- Medical Certification Complies With IEC60601-1:2005

Product

Output(V)	3.3	5	12	15	24	28	36	48	Other
Power(W)									
180					●			●	●
250					●		●	●	●

CMA

45

45W



Specification

Maximum Output Power	46.5W
Operating Temperature Range	-40~85°C
Input Voltage Range	165~285Vdc
Output Voltage	+9V/3A, +9V MOD/2A, +9V BATT/0.15A
Number of Outputs	3
Efficiency	80%
Size (L*W*H)	129.0*98.0*28.0mm



Features

- Natural Conduction Cooling
- Multi-Function Protection
- Battery Monitoring Function

Product

Output(V)	3.3	5	9	12	15	24	28	36	48	Other
Power(W)			●							●
45										

CMA

160

160W



Specification

Maximum Output Power	160W
Operating Temperature Range	-40~85°C
Input Voltage Range	160~290Vac
Output Voltage	9V/5A, 28V/4A
Number of Outputs	1~2
Efficiency	80%
Size (L*W*H)	159.0*108.5*39.0mm



Features

- High Efficiency
- High Power Density
- Over-Temperature Protection

Product

Output(V)	3.3	5	9	12	15	24	28	36	48	Other
Power(W)			●				●			●
160										

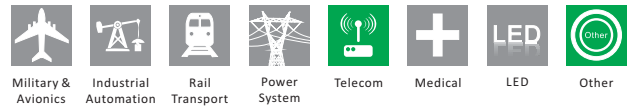


224W SC

224

Specification

Maximum Output Power	224W
Operating Temperature Range	-40~85°C
Input Voltage Range	140~300Vac
Output Voltage	28V
Number of Outputs	1
Efficiency	85%
Size (L*W*H)	160.0*79.5*40.0mm



Features

- High Efficiency
- High Reliability
- Perfect Protection Function
- No Minimum Load Requirements
- Wide Voltage Input, Suits Rural Grid

Product

Output(V)	3.3	5	12	15	24	28	36	40	48	Other
Power(W)						●				●
224										



280W SC

280

Specification

Maximum Output Power	280W
Operating Temperature Range	-40~85°C
Input Voltage Range	160~300Vac
Output Voltage	+12V/5A, +15V/4A, +28V/8A
Number of Outputs	3
Efficiency	85%
Size (L*W*H)	220.0*104.0*60.0mm



Features

- High Efficiency
- High Reliability
- Perfect Protection Function
- No Minimum Load Requirements
- Wide Voltage Input, Suits Rural Grid

Product

Output(V)	3.3	5	12	15	24	28	36	40	48	Other
Power(W)			●	●		●				●
280										

SC

330 330W



Specification

Maximum Output Power	330W
Operating Temperature Range	-40~85°C
Input Voltage Range	165~280Vac
Output Voltage	9V/6A,27V/10A
Number of Outputs	2
Efficiency	85%
Size (L*W*H)	220.0*120.0*68.0mm



Features

- High Efficiency
- Input Under-Voltage Lockout
- Output Over-Voltage Protection
- Over-Current Protection
- Over-Temperature Protection

Product

Output(V)	3.3	5	9	12	15	24	27	28	36	48	Other
Power(W)			●				●				●
330											

SC

400 400W



Specification

Maximum Output Power	400W
Operating Temperature Range	-40~85°C
Input Voltage Range	140~300Vac
Output Voltage	3.3V/1A,12V/28A
Number of Outputs	2
Efficiency	89%
Size (L*W*H)	280.0*710.0*32.0mm



Features

- High Efficiency
- Input Under-Voltage Lockout
- Output Over-Voltage Protection
- Over-Current Protection
- Over-Temperature Protection

Product

Output(V)	3.3	5	9	12	15	24	27	28	36	48	Other
Power(W)	●			●							●
400											



500W CMA 500

Specification

Maximum Output Power	500W
Operating Temperature Range	-40~85°C
Input Voltage Range	165~270Vac
Output Voltage	5.8V/9A, 12V/2.5A, 24V/2.5A, 30V/12A
Number of Outputs	1~4
Efficiency	87%
Size (L*W*H)	210.0*115.5*50.0mm



Features

- High Reliability
- Under-Voltage Protection
- Input Over-Voltage Protection

Product

Output(V)	3.3	5	5.8	12	15	24	27	28	30	36	48	Other
Power(W)			●	●		●			●			●
54												



500W FM 500

Specification

Maximum Output Power	500W
Operating Temperature Range	-40~85°C
Input Voltage Range	90~286Vac
Output Voltage	28V/18A
Number of Outputs	1
Efficiency	92%
Size (L*W*H)	117.0*61.2*12.7mm



Features

- 500 W Conduction-cooled
- 90 VAC to 286 VAC Input
- Up to 92% Efficiency
- Enable (On/Off) Control
- UL/EN 60950-1 Compliant
- EN55022 Class A
- RoHS6
- OCP/OVP/OTP

Product

Output(V)	3.3	5	5.8	12	15	24	27	28	30	36	48	Other
Power(W)								●				●
54												



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