



东莞市源心电子科技有限公司  
Power System Electronic Technology Co., Ltd.



**CAR AMPLIFIERS**

**EXCELLENT  
QUALITY**

**CONTINUOUS  
INNOVATION**

**WIN-WIN  
STRATEGY**



Power System Electronic Technology Co., Ltd. is located in the beautiful Songshan Lake area of Dongguan city, Guangdong Province. We specialized in designing & manufacturing Car Amplifiers and other consumer electronic products since 2008. Our CEO Mr. Elwin Zheng has 20 years experience in R&D With over 30 R&D team members, we have strong capability in innovations and creativities. We provide both ODM and OEM service for customers. Our factory is operating under ISO9001 & ISO14001 management systems, and we are certified factory for BSCI, MFi, PSE, UL and ETL. Excellent Quality, Continuous Innovation, Win-Win Strategy are our company's policy. With our dedication to conscientious innovations and commitments to ethical manufacturing.

Power System can always break the development bottleneck and improve our production procedures. We have laid the foundation in this industry by our excellent quality. We believe No quality No sales.

Welcome to visit our factory!

## Main Machines



PCB SMT Process(lead free )

Reflow Soldering

Wave soldering Machine



Auto Pick and Insertion for DIP Components

Laser Engraving Machine

Plastic Injection Machine


**Power Supply**

Model No.	P4-400
Power supply voltage/fuse	10.5V-15V/40A
Idling current(power ON/OFF)	1.1A/0.04MA
Remote In	6.5V-15V-4MA
Material	Aluminum
Size	L270*W136*H46mm

**Amplifier Stage**

Distorsion THDN(1KHZ@4OHM) 10W	0.03%
Bandwidth	20HZ-20KHZ
S/N RATIO(A weighted @ 1V)	100DB
Damping factor (1KHZ@4OHM) 10W	0.25-7V RMS (20K)
Pre-In sensitivity	70
Load impedance @ 4Ch	2 ohm
Load impedance @ 3Ch	2ohm+2ohm+4ohm
Load impedance @ 2Ch	4 ohm

**Inputs / Output / Filter**

Inputs	PRE IN
FRONT Ch .filters full	YES
Hi Pass	80Hz @ 6db/Oct
Lo Pass	60Hz-600Hz @ 12db/Oct
REAR Ch .filters full	YES
Hi Pass	85Hz @ 6db/Oct
Lo Pass	60Hz-600Hz @ 12db/Oct

**Output Power (RMS)14.4V VDC,THDN 1%**

4 Ch	50W*4(4 OHM)
4 Ch	100W*4(2 OHM)
3 Ch	50W*2(4 OHM)+200W*1(4 OHM)
3 Ch	100W*2(2 OHM)+200W*1(4 OHM)
2 Ch	200W*1(4 OHM)+200W*1(4 OHM)

Power Supply	
Model No.	P2-250
Power supply voltage/fuse	10.5V-15V/30A
Idling current(power ON/OFF)	1A/0.04MA
Remote In	6.5V-15V-4MA
Material	Aluminum
Size	L270*W136*H46mm
Amplifier Stage	
Distorsion THDN(1KHZ@4OHM) 10W	0.03%
Bandwidth	20HZ-40KHZ
S/N RATIO(A weighted @ 1V)	100DB
Damping factor (1KHZ@4OHM) 10W	150
Channel separation	70db
Pre-In sensitivity	0.25-7V RMS (20K)
Load impedance @ 2Ch	2 ohm
Load impedance @ 2Ch	2 ohm+4 ohm
Load impedance @ 1Ch	4 ohm
Output Power (RMS)14.4 VDC,THDN 1%	
2 Ch	50W*2(4 OHM)
2 Ch	100W*2(2 OHM)
2 Ch	100W*1(2 OHM)+50W*1(4 OHM)
1 Ch	200W*1(4 OHM)
Inputs / Output / Filter	
Inputs	PRE IN
L Ch .filters full	YES
Hi Pass	60Hz-600Hz @ 6db/Oct
Lo Pass	60Hz-600Hz @ 12db/Oct
R Ch .filters full	YES
Hi Pass	60Hz-600Hz @ 6db/Oct
Lo Pass	60Hz-600Hz @ 12db/Oct




**Power Supply**

Model No.	P1-500
Power supply voltage/fuse	10.5V-15V/40A
Idling current(power ON/OFF)	0.9A/0.04MA
Remote In	6.5V-15V-4MA
Material	Aluminum
Size	L278*W136*H46mm

**Amplifier Stage**

Distorsion THDN(1KHZ@4OHM) 10W	0.03%
Bandwidth	20HZ-20KHZ
S/N RATIO(A weighted @ 1V)	100DB
Damping factor (1KHZ@4OHM) 10W	180
Pre-In sensitivity	0.15-6V RMS (20K)
Load impedance (MIN)	2 ohm

**Output Power (RMS)14.4 VDC,THDN 1%**

1 Ch	250W*1(4 OHM)
1 Ch	500W*1(2 OHM)

**Inputs / Output / Filter**

Inputs	PRE IN
Output	YES
Filters	YES
Lo Pass	60Hz-600Hz @ 12db/Oct

Power Supply	
Model No.	R6-1500
Power supply voltage/fuse	10.5V-15V/135A
Idling current(power ON/OFF)	3A/0.04MA
Remote in	6.5V-15V-4MA
Material	Aluminum
Size	L495*W180.5*H52mm
Amplifier Stage	
Distorsion THDN(1KHZ@4OHM) 10W	0.05%
Bandwidth	20HZ-20KHZ
S/N RATIO(A weighted @ 1V)	100DB
Damping factor (1KHZ@4OHM) 10W	70
Pre-In sensitivity	0.5-3V RMS (10K)
Load impedance @ 6Ch	2 ohm
Load impedance @ 5Ch	2ohm+2ohm+2ohm+2ohm+4ohm
Load impedance @ 3Ch	4ohm+4ohm+4ohm
Output Power (RMS)14.4 VDC,THDN 1%	
6 Ch	125W*6(4 OHM)
6 Ch	250W*6(2 OHM)
5 Ch	250W*4(2 OHM)+500W*1(4 OHM)
5 Ch	125W*4(4 OHM)+500W*1(4 OHM)
3 Ch	500W*2(4 OHM)+500W*1(4 OHM)
Inputs / Output / Filter	
Inputs	PRE IN
AMP1 Ch .filters full:	YES
Hi Pass	900Hz-10KHz @ 12db/Oct
AMP2 Ch .filters full	YES
BAND Pass	60Hz-600Hz @ 12db/Oct (Hi)
BAND Pass	900Hz-10KHz @ 12db/Oct (Lo)
Lo Pass	60Hz-600Hz @ 12/24db/Oct
Bass Boost	45Hz @ 0-6db





Power Supply	
Model No.	R4-1200
Power Supply voltage/fuse	10.5V-15V/106A
Idling current(power ON/OFF)	2.2A/0.04MA
Remote In	6.5V-15V-4MA
Material	Aluminum
Size	L427*W170*H52mm
Amplifier Stage	
Distorsion THDN(1KHZ@4OHM) 10W	0.05%
Bandwidth	20HZ-20KHZ
S/N RATIO(A weighted @ 1V)	100DB
Damping factor (1KHZ@4OHM) 10W	70
Pre-In sensitivity	0.5-3V RMS (10K)
Load impedance @ 4Ch	2 ohm
Load impedance @ 3Ch	2ohm+2ohm+4ohm
Load impedance @ 2Ch	4ohm
Output Power (RMS)14.4 VDC,THDN 1%	
4 Ch	150W*4(4 OHM)
4 Ch	300W*4(2 OHM)
3 Ch	150W*2(4 OHM)+600W*1(4 OHM)
3 Ch	300W*2(2 OHM)+600W*1(4 OHM)
2 Ch	600W*1(4 OHM)+600W*1(4 OHM)
Inputs / Output / Filter	
INPUTS	PRE IN
AMP1 Ch .filters FULL:	YES
Hi Pass	900Hz-10KHz @ 12db/Oct
AMP2 Ch .filters FULL	YES
BAND Pass	60Hz-600Hz @ 12db/Oct (Hi)
BAND Pass	900Hz-10KHz @ 12db/Oct (Lo)
Lo Pass	60Hz-600Hz @ 12/24db/Oct
Bass Boost	45Hz @ 0-6db

Power Supply	
Model No.	R4-200W
Power supply voltage/fuse	10.5V-15V/30A
Idling current(power ON/OFF)	1.3A/0.04MA
Remote In	9.5V-15V-4MA
Material	Aluminum
Size	L254*W143*H46mm

Amplifier Stage	
Distorsion THDN(1KHZ@4OHM) 10W	0.08%
Bandwidth	20HZ-20KHZ
S/N RATIO(A weighted @ 1V)	92DB
Damping factor (1KHZ@4OHM) 10W	40
Pre-In sensitivity	0.2-4V RMS (10K)
Load impedance @ 4Ch	4 ohm
Load impedance @ 2Ch	8 ohm

Output Power (RMS)14.4 VDC,THDN 1%	
4 Ch	50W*4(4 OHM)
2 Ch	100W*2(8 OHM)

Inputs / Output / Filter	
Inputs	PRE IN
FRONT Ch .filters full	YES
Hi Pass	80Hz @ 6db/Oct
REAR Ch .filters full	YES
Hi Pass	80Hz @ 6db/Oct



**Power Supply**

Model No.	R1-1000W
Power supply voltage/fuse	10.5V-15V/90A
Idling current(power ON/OFF)	2A/0.04MA
Remote In	9.5V-15V-4MA
Material	Aluminum
Size	L550*W143*H46mm

**Amplifier Stage**

Distorsion THDN(1KHZ@4OHM) 10W	0.08%
Bandwidth	20HZ-600HZ
S/N RATIO(A weighted @ 1V)	95DB
Damping factor (1KHZ@4OHM) 10W	200
Pre-In sensitivity	0.15-6V RMS (10K)
Load impedance (MIN)	2 ohm

**Output Power (RMS)14.4 VDC,THDN 1%**

1 Ch	600W*1(4 OHM)
1 Ch	1000W*1(2 OHM)

**Inputs / Output / Filter**

Inputs	PRE IN
Output	YES
Filters	YES
Lo Pass	60Hz-600Hz @ 12db/Oct

# Thailand Factory



Please use WeChat to scan the QR code below:



Watch the company video.



Visit the company's official website.



+86-769-8127 3688 816 +86-769-8127 3668



info@power-stem.com



www.power-stem.com



中国广东省东莞市石排镇埔心工业区上汴大道1号  
NO. 1 Shangbian Road, Puxin Industrial District,  
Shipai Town, Dongguan City, Guangdong, China  
(ZIP:523338)

Thailand Factory Address: 700/101 Moo.1 T.  
Ban Kao A.Panthong Chonburi 20160,Thailand