

Car and Industrial Computer Power Supply Solution



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CB60D-7612 60W DC-ATX FOR CAR PC

FUNCTION:

- High efficiency,mini size;
- I U Application;
- Low cost;
- OVP,OCP,Short Proteciton;
- Standard ATX Output;
- 6~20VDC Input

•APPLICATION:

- Car,Board,Industrial and Mini PC

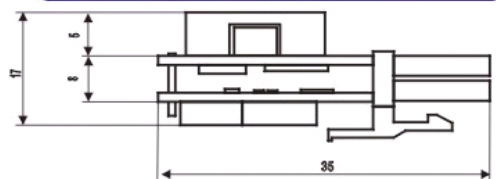
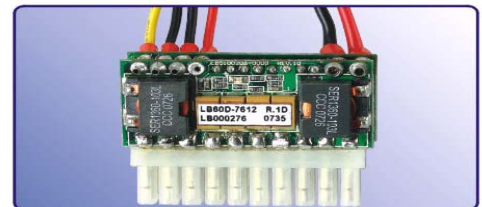
INPUT:

- Input Voltage:6~20VDC
- Input Current:6A@12VDC
- Inrush Current:10A
- Input Fuse:15A

Others:

- Efficiency:89%
- Weight:150g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	3.3V	5V	+12V	-12V	5Vsb
Output Current	6A	4.5A	1A	0.05A	1A
Accuracy	2%	2%	2%	10%	2%
Ripple&Noise	50mV	50mV	120mV	120mV	50mV
OVP	Y	Y	Y	N	N
OCP	Y	Y	Y	Y	Y
Short Protect	Y	Y	Y	Y	Y
Rise Time	10ms	10ms	10ms	10ms	10ms

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

CB70D-1200 70W DC-ATX FOR CAR PC

FUNCTION:

- High efficiency,mini size;
- I U Application;
- Low cost;
- OVP,OCP,Short Proteciton;
- Standard ATX Output;
- 12VDC Input
- Remote,Power Good Function

APPLICATION:

- Car,Board,Industrial and Mini PC

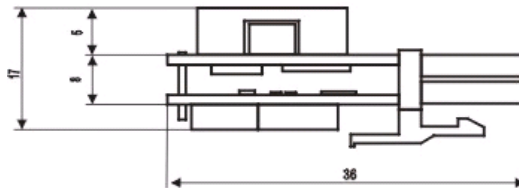
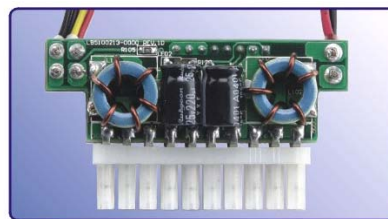
INPUT:

- Input Voltage:12VDC \pm 5%
- Input Current:7A@12VDC
- Inrush Current:15A
- Input Fuse:N/A

Others:

- Efficiency:94%
- Weight:150g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	3.3V	5V	+12V	-12V	5Vsb
Output Current	5A	5A	4A	0.05A	1.5A
Accuracy	2%	2%	5%	10%	2%
Ripple&Noise	50mV	50mV	120mV	120mV	50mV
OVP	Y	Y	Y	N	N
OCP	Y	Y	N	N	Y
Short Protect	Y	Y	N	Y	Y
Rise Time	10ms	10ms	10ms	10ms	10ms

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

CB80D-1200 80W DC-ATX POWER CONVERTER

FUNCTION:

- High efficiency,mini size;
- Low cost;
- OVP,LVP,OCP,Short Proteciton;
- Standard ATX Output;
- 12VDC Input
- Remote,Sleep,Power Good Function

APPLICATION:

- Car,Board,Industrial and Mini PC

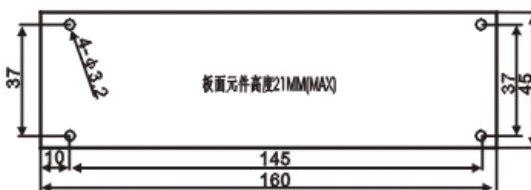
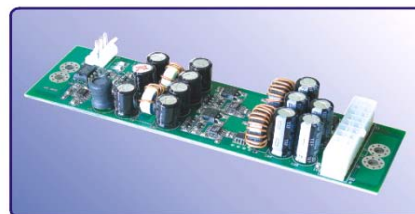
INPUT:

- Input Voltage:12VDC \pm 5%
- Input Current:7.5A@12VDC
- Inrush Current:15A
- Input Fuse:7A*2

Others:

- Efficiency:94%
- Weight:150g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	3.3V	5V	+12V	-12V	5Vsb
Output Current	5A	5A	2A	0.1A	1.5A
Accuracy	2%	2%	5%	10%	2%
Ripple&Noise	50mV	50mV	120mV	120mV	50mV
OVP	Y	Y	Y	N	N
OCP	N	N	N	Y	Y
Short Protect	Y	Y	Y	Y	Y
Rise Time	10ms	10ms	10ms	10ms	10ms

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)



CB80D-7600 80W DC-ATX POWER CONVERTER

FUNCTION:

- High efficiency,mini size;
- Low cost;
- OVP, OCP, Short Protection;
- Standard ATX Output;
- 7~30VDC Input
- Remote, Sleep, Power Good, ITPS Function

APPLICATION:

- Car, Board, Industrial and Mini PC

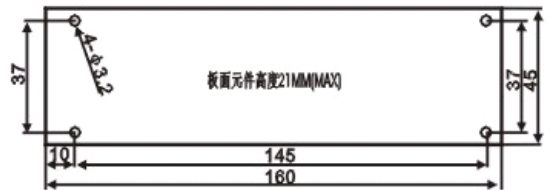
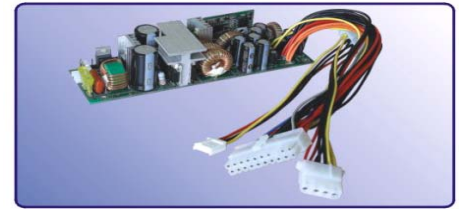
INPUT:

- Input Voltage: 7~30VDC
- Input Current: 10A @12VDC
- Inrush Current: 20A
- Input Fuse: 20A

Others:

- Efficiency: 80%
- Weight: 280g
- MTBF: 120,000Hours

RoHS



OUTPUT:

Output Voltage	3.3V	5V	+12V	-12V	5Vsb
Output Current	5A	5A	2A	0.3A	1.5A
Accuracy	5%	5%	5%	10%	5%
Ripple&Noise	50mV	50mV	120mV	120mV	50mV
OVP	Y	Y	Y	N	N
OCP	Y	Y	Y	Y	Y
Short Protect	Y	Y	Y	Y	Y
Rise Time	10ms	10ms	10ms	10ms	10ms

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)



CB100D-7612 100W DC-ATX POWER CONVERTER

FUNCTION:

- High efficiency,mini size;
- Low cost;
- OVP, OCP, Short Protection;
- Standard ATX Output;
- 6~18VDC Input
- Remote, Sleep, Power Good Function
- ITPS, HI-FI Control

APPLICATION:

- Car, Board, Industrial and Mini PC

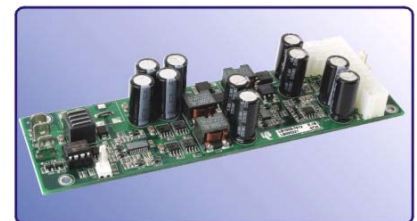
INPUT:

- Input Voltage: 6~18VDC
- Input Current: 12A @12VDC
- Inrush Current: 25A
- Input Fuse: 10*2A

Others:

- Efficiency: 85%
- Weight: 200g
- MTBF: 120,000Hours

RoHS



OUTPUT:

Output Voltage	3.3V	5V	+12V	-12V	5Vsb
Output Current	6A	6A	3A	0.05A	1.5A
Accuracy	5%	5%	5%	10%	5%
Ripple&Noise	50mV	50mV	120mV	120mV	50mV
OVP	Y	Y	Y	N	N
OCP	Y	Y	Y	N	Y
Short Protect	Y	Y	Y	N	Y
Rise Time	10ms	10ms	10ms	10ms	10ms

Condition:

- Operating Temperature: -10° C~+65° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)



CB100D-7600 100W DC-ATX POWER CONVERTER

FUNCTION:

- High efficiency,mini size;
- Low cost;
- OVP, OCP, Short Protection;
- Standard ATX Output;
- 6~30VDC Input
- Remote, Sleep, Power Good Function
- ITPS, HI-FI Control

APPLICATION:

- Car, Board, Industrial and Mini PC

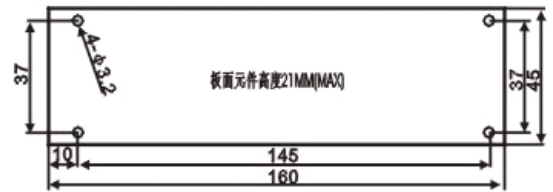
INPUT:

- Input Voltage: 6~30VDC
- Input Current: 12A@12VDC
- Inrush Current: 25A
- Input Fuse: 15*2A

Others:

- Efficiency: 88%
- Weight: 200g
- MTBF: 120,000Hours

RoHS



OUTPUT:

Output Voltage	3.3V	5V	+12V	-12V	5Vsb
Output Current	6A	6A	6A	0.1A	1.5A
Accuracy	5%	5%	5%	10%	5%
Ripple&Noise	50mV	50mV	120mV	120mV	50mV
OVP	Y	Y	Y	N	N
OCP	Y	Y	Y	Y	Y
Short Protect	Y	Y	Y	Y	Y
Rise Time	10ms	10ms	10ms	10ms	10ms

Condition:

- Operating Temperature: -10° C~+65° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)



CBCZ100D-7600 100W DC-ATX FOR PC104 & PC104+

FUNCTION:

- High efficiency,mini size;
- Low cost;
- OVP, OCP, Short Protection;
- PC104&PC104+ Standard Output;
- 6~30VDC Input
- Remote, Sleep Function

APPLICATION:

- Car, Board, Industrial and Mini PC

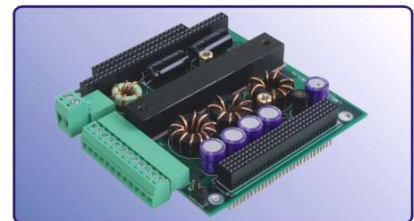
INPUT:

- Input Voltage: 6~30VDC
- Input Current: 11A@12VDC
- Inrush Current: 25A
- Input Fuse: 10*2A

Others:

- Efficiency: 86%
- Weight: 100g
- MTBF: 120,000Hours

RoHS



OUTPUT:

Output Voltage	3.3V	5V	+12V	-12V	5Vsb
Output Current	8A	8A	2.5A	0.1A	1A
Accuracy	3%	3%	3%	10%	5%
Ripple&Noise	50mV	50mV	120mV	120mV	50mV
OVP	Y	Y	Y	N	N
OCP	Y	Y	Y	Y	Y
Short Protect	Y	Y	Y	Y	Y
Rise Time	10ms	10ms	10ms	10ms	10ms

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)



CB110D-7600 110W DC-ATX POWER CONVERTER

FUNCTION:

- High efficiency,1U mini size;
- Low cost;
- OVP,OCP,Short Proteciton;
- Standard ATX Output;
- 6~30VDC Input

APPLICATION:

- Car,Board,Industrial and Mini PC

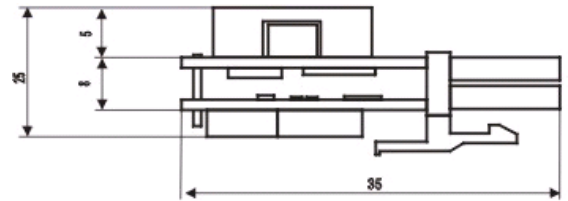
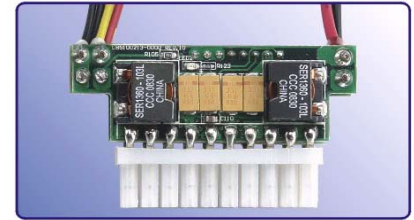
INPUT:

- Input Voltage:6~30VDC
- Input Current:13A@12VDC
- Inrush Current:15A
- Input Fuse:15A

Others:

- Efficiency:94%
- Weight:150g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	3.3V	5V	+12V	-12V	5Vsb
Output Current	6A	6A	5A	0.05A	1.0A
Accuracy	2%	2%	2%	10%	2%
Ripple&Noise	50mV	50mV	120mV	120mV	50mV
OVP	Y	Y	Y	N	N
OCP	Y	Y	Y	Y	Y
Short Protect	Y	Y	Y	Y	Y
Rise Time	10ms	10ms	10ms	10ms	10ms

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)



CB120D-7624 120W DC-ATX FOR CAR PC

FUNCTION:

- High efficiency,mini size;
- 1 U Application;
- Low cost;
- OVP,OCP,Short Proteciton;
- Standard ATX Output;
- 15~30VDC Input
- Remote,Power Good Function

APPLICATION:

- Car,Board,Industrial and Mini PC

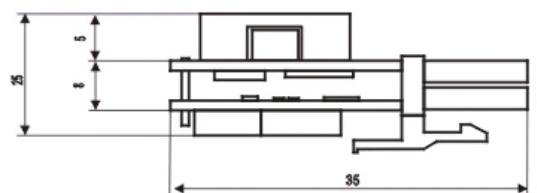
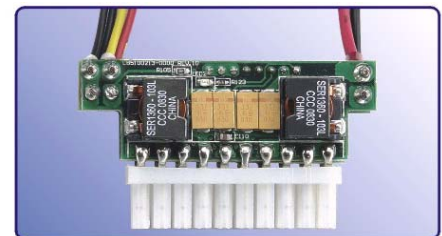
INPUT:

- Input Voltage:15~30VDC
- Input Current:7A@24VDC
- Inrush Current:15A
- Input Fuse:15A

Others:

- Efficiency:94%
- Weight:150g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	3.3V	5V	+12V	-12V	5Vsb
Output Current	6A	6A	4A	0.05A	1.5A
Accuracy	2%	2%	5%	10%	2%
Ripple&Noise	50mV	50mV	120mV	120mV	50mV
OVP	Y	Y	Y	N	N
OCP	Y	Y	Y	N	Y
Short Protect	Y	Y	Y	Y	Y
Rise Time	10ms	10ms	10ms	10ms	10ms

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

CB120D-7600

120W DC-ATX FOR CAR PC

FUNCTION:

- High efficiency,mini size;
- 1 U Application;
- Low cost;
- OVP,OCP,Short Proteciton;
- Standard ATX Output;
- 6~30VDC Input
- ITPS Function

APPLICATION:

- Car,Board,Industrial and Mini PC

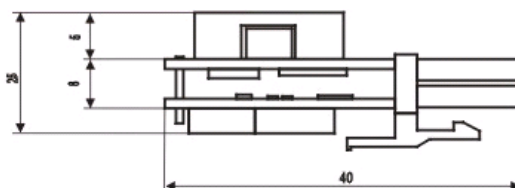
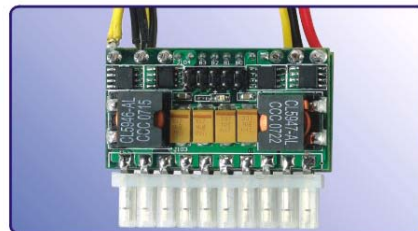
INPUT:

- Input Voltage:6~30VDC
- Input Current:13A@12VDC
- Inrush Current:15A
- Input Fuse:15A

Others:

- Efficiency:94%
- Weight:150g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	3.3V	5V	+12V	-12V	5Vsb
Output Current	6A	6A	5A	0.05A	1.5A
Accuracy	2%	2%	5%	10%	2%
Ripple&Noise	50mV	50mV	120mV	120mV	50mV
OVP	Y	Y	Y	N	N
OCP	Y	Y	Y	N	Y
Short Protect	Y	Y	Y	Y	Y
Rise Time	10ms	10ms	10ms	10ms	10ms

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

CB150D-7601

150W DC-ATX FOR CAR PC

FUNCTION:

- High efficiency,mini size;
- Low cost;
- OVP,OCP,Short Proteciton;
- Standard ATX Output;
- 6~30VDC Input
- ITPS, Remote,Power Good Function

APPLICATION:

- Car,Board,Industrial and Mini PC

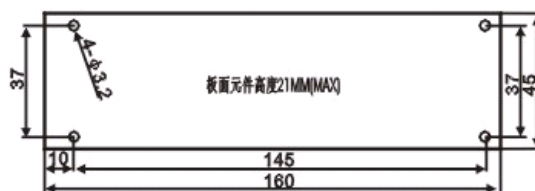
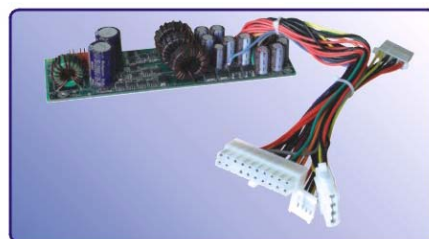
INPUT:

- Input Voltage:6~30VDC
- Input Current:13A@12VDC
- Inrush Current:25A
- Input Fuse:40A

Others:

- Efficiency:88%
- Weight:200g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	3.3V	5V	+12V	-12V	5Vsb
Output Current	10A	10A	5A	0.6A	2.0A
Accuracy	5%	5%	5%	10%	5%
Ripple&Noise	50mV	50mV	120mV	120mV	50mV
OVP	Y	Y	Y	N	N
OCP	Y	Y	Y	Y	Y
Short Protect	Y	Y	Y	Y	Y
Rise Time	10ms	10ms	10ms	10ms	10ms

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

CB160D-7624

160W DC-ATX FOR CAR PC

FUNCTION:

- High efficiency,mini size;
- Low cost;
- OVP,OCV,Short Proteciton;
- Standard ATX Output; HI-FI Control
- 15~30VDC Input
- ITPS, Remote,Power Good Function

APPLICATION:

- Car,Board,Industrial and Mini PC

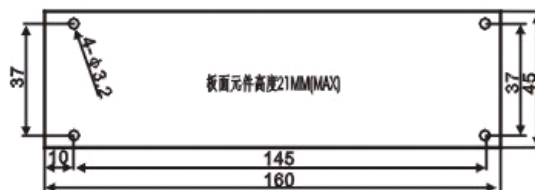
INPUT:

- Input Voltage:15~30VDC
- Input Current:8A@24VDC
- Inrush Current:25A
- Input Fuse:10A*2

Others:

- Efficiency:88%
- Weight:200g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	3.3V	5V	+12V	-12V	5Vsb
Output Current	8A	8A	8A	0.1A	2.0A
Accuracy	5%	5%	5%	10%	5%
Ripple&Noise	50mV	50mV	120mV	120mV	50mV
OVP	Y	Y	Y	N	N
OCV	Y	Y	Y	Y	Y
Short Protect	Y	Y	Y	Y	Y
Rise Time	10ms	10ms	10ms	10ms	10ms

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

CB160D-7600

160W DC-ATX FOR CAR PC

FUNCTION:

- High efficiency,mini size;
- Low cost;
- OVP,OCV,Short Proteciton;
- Standard ATX Output; HI-FI Control
- 6~30VDC Input
- ITPS, Remote,Power Good Function

APPLICATION:

- Car,Board,Industrial and Mini PC

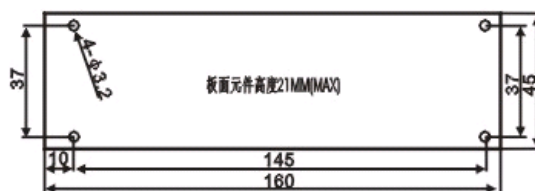
INPUT:

- Input Voltage:6~30VDC
- Input Current:13A@12VDC
- Inrush Current:25A
- Input Fuse:15A*2

Others:

- Efficiency:88%
- Weight:200g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	3.3V	5V	+12V	-12V	5Vsb
Output Current	8A	8A	8A	0.1A	2.0A
Accuracy	5%	5%	5%	10%	5%
Ripple&Noise	50mV	50mV	120mV	120mV	50mV
OVP	Y	Y	Y	N	N
OCV	Y	Y	Y	Y	Y
Short Protect	Y	Y	Y	Y	Y
Rise Time	10ms	10ms	10ms	10ms	10ms

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

CB200D-1200

200W DC-ATX FOR CAR PC

FUNCTION:

- High efficiency,mini size;
- I U Application;
- Low cost;
- OVP,OCP,Short Proteciton;
- Standard ATX Output;
- 12VDC Input
- Remote,Power Good Function

APPLICATION:

- Car,Board,Industrial and Mini PC

INPUT:

- Input Voltage:12VDC \pm 5%
- Input Current:15A@12VDC
- Inrush Current:20A
- Input Fuse:N/A(SELECT)

Others:

- Efficiency:94%
- Weight:150g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	3.3V	5V	+12V	-12V	5Vsb
Output Current	6A	6A	12A	0.05A	2A
Accuracy	5%	5%	5%	10%	5%
Ripple&Noise	50mV	50mV	120mV	120mV	50mV
OVP	Y	Y	Y	N	N
OCP	Y	Y	Y	N	Y
Short Protect	Y	Y	Y	N	Y
Rise Time	10ms	10ms	10ms	10ms	10ms

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

CB250D-7601

250W DC-ATX FOR CAR PC

FUNCTION:

- High efficiency,mini size;1U
- Low cost;
- OVP,OCP,Short Proteciton;
- Standard ATX Output;
- 6~30VDC Input
- ITPS, Remote,Power Good Function

APPLICATION:

- Car,Board,Industrial and Mini PC

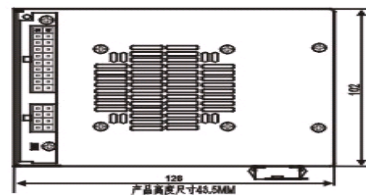
INPUT:

- Input Voltage:6~30VDC
- Input Current:25A@12VDC
- Inrush Current:30A
- Input Fuse:40A

Others:

- Efficiency:87%
- Weight:300g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	3.3V	5V	+12V	-12V	5Vsb
Output Current	15A	14A	10A	0.2A	2.0A
Accuracy	5%	5%	5%	10%	5%
Ripple&Noise	50mV	50mV	120mV	120mV	50mV
OVP	Y	Y	Y	N	N
OCP	Y	Y	Y	Y	Y
Short Protect	Y	Y	Y	Y	Y
Rise Time	10ms	10ms	10ms	10ms	10ms

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

CBCZ46D-7600

46W DC-DC Converter

FUNCTION:

- High efficiency,mini size;
- Low cost;
- OVP,OCP,Short,Input Reverse Proteciton;
- For LCD;
- 6~30VDC Input

APPLICATION:

- Car & BUS LCD and Other Car Application

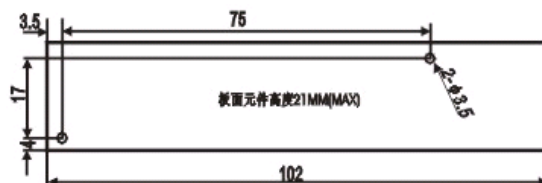
INPUT:

- Input Voltage:6~30VDC
- Input Current:4A@12VDC
- Inrush Current:10A
- Input Fuse:10A

Others:

- Efficiency:88%
- Weight:50g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	5V	+12V			
Output Current	2A	3A			
Accuracy	2%	2%			
Ripple&Noise	50mV	120mV			
OVP	Y	Y			
OCP	Y	Y			
Short Protect	Y	Y			
Rise Time	10ms	10ms			

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

CB50D-7660

50W DC-DC Converter

FUNCTION:

- High efficiency,mini size;
- Low cost;Isolated
- OVP,OCP,Short,Input Reverse Proteciton;
- For LCD;
- 7~36VDC Input

APPLICATION:

- Car & BUS LCD and Other Car Application

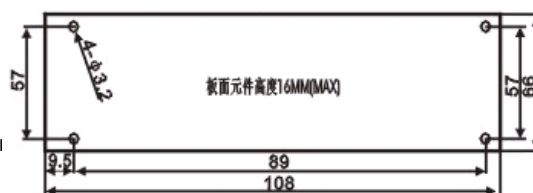
INPUT:

- Input Voltage:7~36VDC
- Input Current:6A@12VDC
- Inrush Current:15A
- Input Fuse:20A

Others:

- Efficiency:84%
- Weight:50g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	+12V				
Output Current	4.2A				
Accuracy	2%				
Ripple&Noise	120mV				
OVP	Y				
OCP	Y				
Short Protect	Y				
Rise Time	10ms				

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

CB50D-1200 50W DC-DC Converter

FUNCTION:

- High efficiency,mini size;
- Low cost;
- OVP, OCP, Short, Input Reverse Protection;
- For LCD;
- 12VDC Input

APPLICATION:

- Car & BUS LCD and Other Car Application

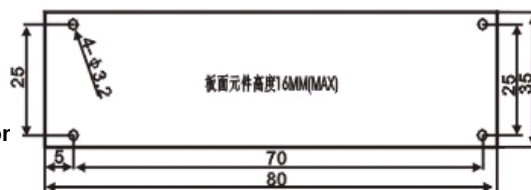
INPUT:

- Input Voltage:12VDC
- Input Current:5A@12VDC
- Inrush Current:10A
- Input Fuse:10A

Others:

- Efficiency:94%
- Weight:150g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	5V	+12V			
Output Current	5A	5A			
Accuracy	5%	5%			
Ripple&Noise	100mV	120mV			
OVP	Y	Y			
OCP	Y	Y			
Short Protect	Y	Y			
Rise Time	10ms	10ms			

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

CBCZ60D-7600 60W DC-DC Converter

FUNCTION:

- High efficiency,mini size;
- Low cost;
- OVP, OCP, Short, Input Reverse Protection;
- For LCD;
- 6~36VDC Input

APPLICATION:

- Car & BUS LCD and Other Car Application

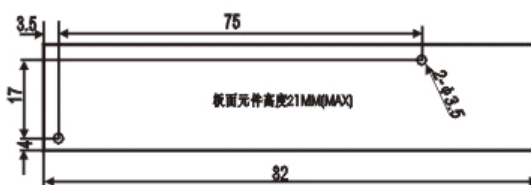
INPUT:

- Input Voltage:6~36VDC
- Input Current:6A@12VDC
- Inrush Current:10A
- Input Fuse:10A

Others:

- Efficiency:94%
- Weight:50g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	+12V				
Output Current	5A				
Accuracy	2%				
Ripple&Noise	120mV				
OVP	Y				
OCP	Y				
Short Protect	Y				
Rise Time	10ms				

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

CB60D-7660 60W DC-DC Converter

FUNCTION:

- High efficiency,mini size;
- Low cost;
- OVP, OCP, Short, Input Reverse Protection;
- For LCD;
- 9~55VDC Input
- Isolated

APPLICATION:

- Car & BUS LCD and Other Car Application

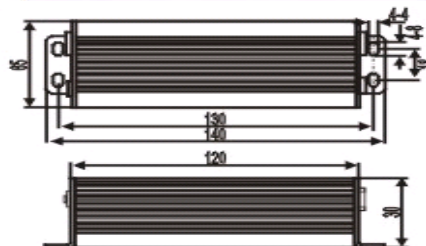
INPUT:

- Input Voltage:9~55VDC
- Input Current:6A@12VDC
- Inrush Current:10A
- Input Fuse:10A

Others:

- Efficiency:85%
- Weight:350g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	+12V				
Output Current	5A				
Accuracy	2%				
Ripple&Noise	100mV				
OVP	Y				
OCP	Y				
Short Protect	Y				
Rise Time	10ms				

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

CB85D-7600 85W DC-DC Converter

FUNCTION:

- High efficiency,mini size;
- Low cost;
- OVP, OCP, Short, Input Reverse Protection;
- For LCD;
- 6~30VDC Input
- ITPS

APPLICATION:

- Car & BUS LCD and Other Car Application

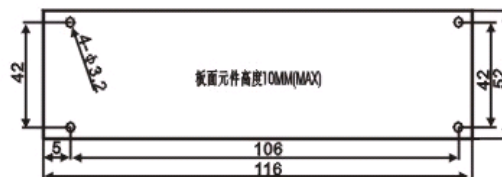
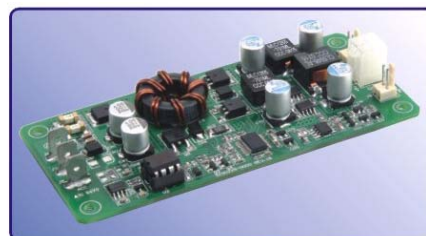
INPUT:

- Input Voltage:6~30VDC
- Input Current:8A@12VDC
- Inrush Current:15A
- Input Fuse:15A

Others:

- Efficiency:94%
- Weight:150g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	5V	+12V			
Output Current	5A	5A			
Accuracy	5%	5%			
Ripple&Noise	100mV	120mV			
OVP	Y	Y			
OCP	Y	Y			
Short Protect	Y	Y			
Rise Time	10ms	10ms			

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

CB120D-7660

120W DC-DC Converter

FUNCTION:

- High efficiency,mini size;
- OVP,OCP,Short,Input Reverse Proteciton;
- For LCD; Isolated
- 7~40VDC Input
- ITPS,Remote Control

APPLICATION:

- Car & BUS PC&LCD
- Other Car PC Application

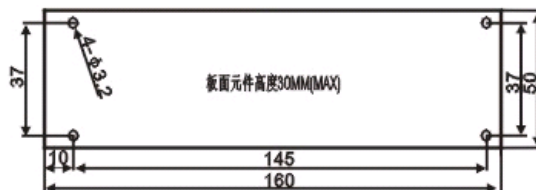
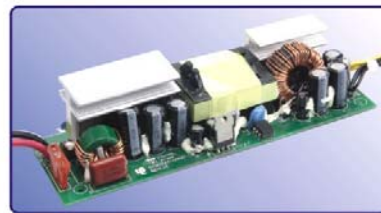
INPUT:

- Input Voltage:7~40VDC
- Input Current:6A@24VDC
- Inrush Current:15A
- Input Fuse:15A

Others:

- Efficiency:84%
- Weight:300g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	12V				
Output Current	10A				
Accuracy	2%				
Ripple&Noise	100mV				
OVP	Y				
OCP	Y				
Short Protect	Y				
Rise Time	10ms				

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

CB90D-7600

90W DC-DC Converter

FUNCTION:

- High efficiency;
- OVP,Short Proteciton;
- 8~18VDC Input
- Isolated,Remote Control
- Sleep Function

APPLICATION:

- Car & BUS LCD and Other Car Application

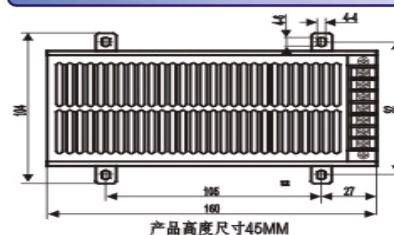
INPUT:

- Input Voltage:8~18VDC
- Input Current:9A@12VDC
- Inrush Current:20A
- Input Fuse:20A

Others:

- Efficiency:80%
- Weight:500g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	+5V	+12V			
Output Current	6A	5A			
Accuracy	2%	2%			
Ripple&Noise	50mV	50mV			
OVP	Y	Y			
OCP	N	N			
Short Protect	Y	Y			
Rise Time	10ms	10ms			

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

CBLX90D-7600

90W DC-DC Converter

FUNCTION:

- High efficiency;
- OVP,OCP,Short Proteciton;
- 7~30VDC Input
- Isolated,Remote Control
- ITPS,Remote Control Function

APPLICATION:

- Car & BUS PC and LCD
- Other Car Application

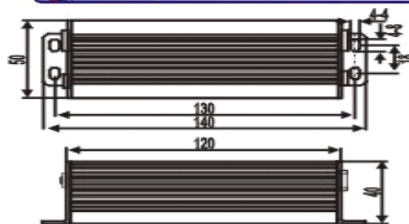
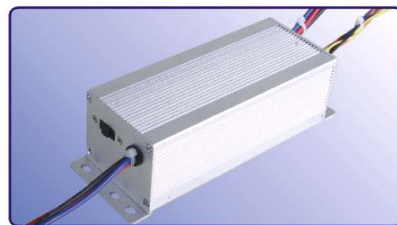
INPUT:

- Input Voltage:7~30VDC
- Input Current:10A@12VDC
- Inrush Current:20A
- Input Fuse:20A

Others:

- Efficiency:88%
- Weight:300g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	+5V	+12V			
Output Current	14A	2A			
Accuracy	2%	3%			
Ripple&Noise	50mV	100mV			
OVP	Y	Y			
OCP	Y	Y			
Short Protect	Y	Y			
Rise Time	10ms	10ms			

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

CB120D-12V10

120W DC-DC Converter

FUNCTION:

- High efficiency;
- OVP,OCP,Short,Input Reverse Proteciton;
- 6~30VDC Input
- ITPS,Remote Control Function

APPLICATION:

- Car & BUS PC and LCD
- Other Car Application

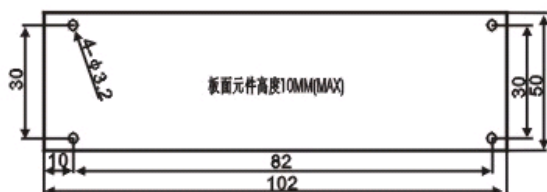
INPUT:

- Input Voltage:7~30VDC
- Input Current:12A@12VDC
- Inrush Current:20A
- Input Fuse:20A

Others:

- Efficiency:88%
- Weight:300g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	+12V				
Output Current	10A				
Accuracy	2%				
Ripple&Noise	100mV				
OVP	Y				
OCP	Y				
Short Protect	Y				
Rise Time	10ms				

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

CB125D-7660 125W DC-DC Converter

FUNCTION:

- High efficiency;
- OVP,OCP,Short Proteciton;
- 6~40VDC Input
- Isolated,Remote Control
- Sleep Function

APPLICATION:

- Car & BUS LCD
- Car Audio & Vidio

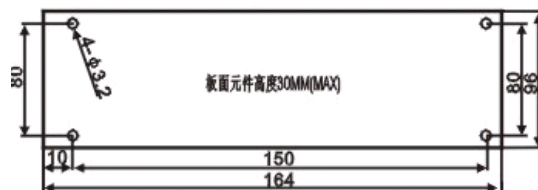
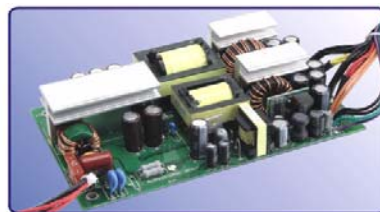
INPUT:

- Input Voltage:6~40VDC
- Input Current:15A@12VDC
- Inrush Current:25A
- Input Fuse:40A

Others:

- Efficiency:78%
- Weight:400g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	3.3V	5V	+12V	5Vsb
Output Current	6A	8A	7A	1.0A
Accuracy	5%	5%	5%	5%
Ripple&Noise	50mV	50mV	120mV	50mV
OVP	Y	Y	Y	N
OCP	Y	Y	Y	Y
Short Protect	Y	Y	Y	Y
Rise Time	10ms	10ms	10ms	10ms

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

CB150D-12V13 150W DC-DC Converter

FUNCTION:

- High efficiency;
- OVP,OCP,Short Proteciton;
- 6~40VDC Input
- Isolated,Remote Control
- Sleep Function

APPLICATION:

- Car & BUS LCD
- Car Audio & Vidio

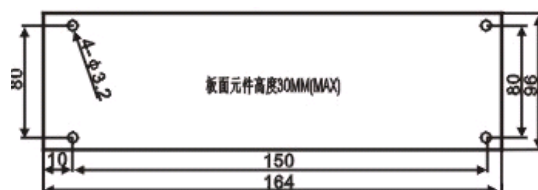
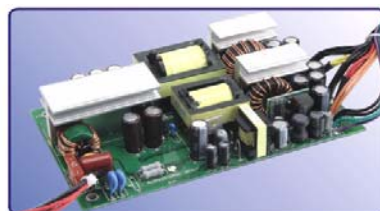
INPUT:

- Input Voltage:6~40VDC
- Input Current:15A@12VDC
- Inrush Current:25A
- Input Fuse:40A

Others:

- Efficiency:78%
- Weight:400g
- MTBF:120,000Hours

RoHS



OUTPUT:

Output Voltage	+12V1	+12V2	5Vsb
Output Current	8A	5A	1.0A
Accuracy	5%	5%	5%
Ripple&Noise	120mV	120mV	50mV
OVP	Y	Y	N
OCP	Y	Y	Y
Short Protect	Y	Y	Y
Rise Time	10ms	10ms	10ms

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

CB195D-7660 195W DC-DC Converter

FUNCTION:

- High efficiency;
- OVP,OCP,Short Proteciton;
- 6~40VDC Input
- Isolated,Remote Control
- Sleep Function

APPLICATION:

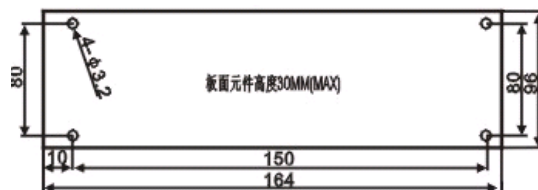
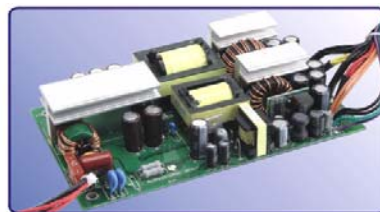
- Car & BUS LCD
- Car Audio & Vidio

INPUT:

- Input Voltage:6~40VDC
- Input Current:20A@12VDC
- Inrush Current:25A
- Input Fuse:40A

Others:

- Efficiency:78%
- Weight:400g
- MTBF:120,000Hours



OUTPUT:

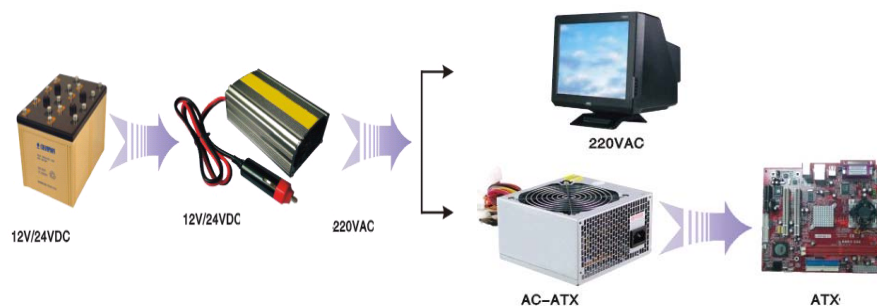
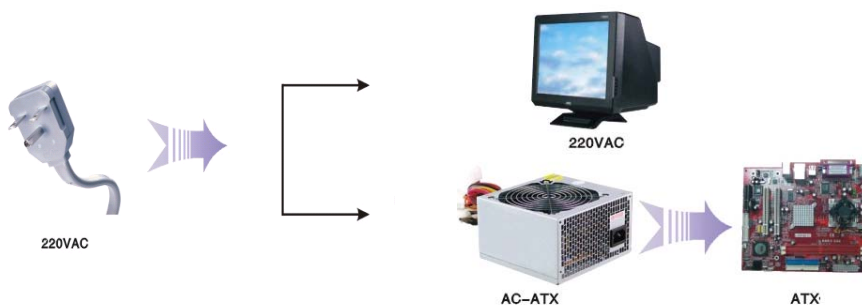
Output Voltage	5V	+12V	5Vsb
Output Current	8A	7A	1.0A
Accuracy	5%	5%	5%
Ripple&Noise	50mV	120mV	50mV
OVP	Y	Y	N
OCP	Y	Y	Y
Short Protect	Y	Y	Y
Rise Time	10ms	10ms	10ms

Condition:

- Operating Temperature: -10° C~+50° C (10-90%R.H)
- Storage Temperature: -40° C~+85° C (10-90%R.H)

RoHS

Traditional Car Equipment Power Solution



New Car Equipment Power Solution



90-264VAC
12VDC/6-8A



12VDC



60-200W ATX
1200



12V/24VD C



6-36VDC

60-200W ATX
ITPS
7600/7624/7612



12VDC



ATX



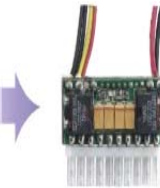
12V/24VD C



6-36VDC
ITPS



12VD C/6-8A
12V-7600/7624



12VDC
60-200W ATX
1200

