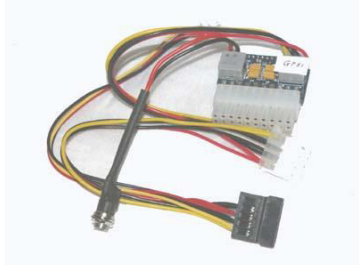

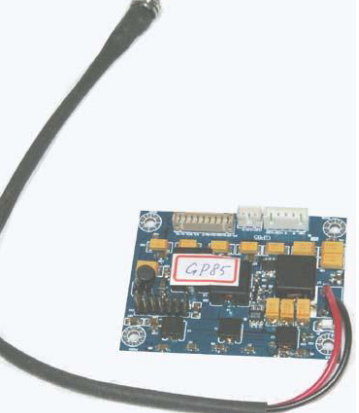
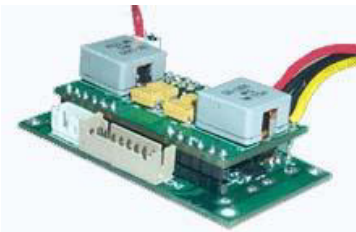
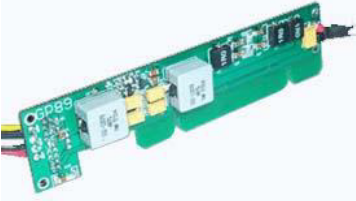
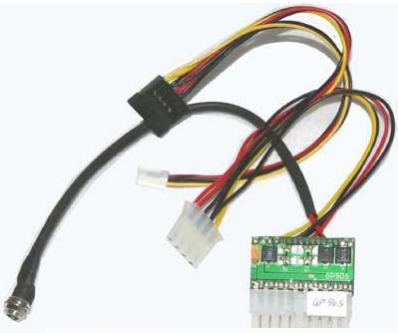
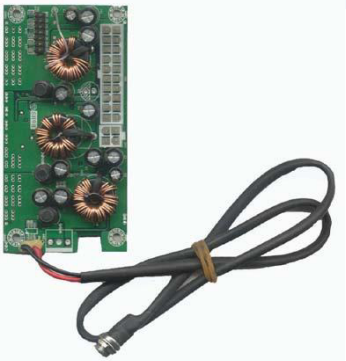




DC to DC Converter Board

| PICTURE  | NAME | FOR CASE  | SPECIFICATION  |
|--|------|---|--|
|   | GP81 |   | <ul style="list-style-type: none"> <li>- Dimensions (mm): L45x W34.14 x H18.78</li> <li>- DC Input Voltage: 8V ~ 28V</li> <li>- Max Output Power: 160W</li> <li>- Input Current: Max. 15A</li> </ul>   |
|    | GP83 |   | <ul style="list-style-type: none"> <li>- Dimensions (mm): L160 x W45 x H21</li> <li>- DC Input Voltage: 8V ~ 28V</li> <li>- Max Output Power: 160W</li> <li>- Deep-Discharge Shutdown Threshold: 11.2 V</li> <li>- Input Current: Max. 15A</li> <li>- Output Cables: 2 big 4pin to 2 small 4pin</li> </ul> |
|  | GP85 | GS-L01, GS-L02, GD-L01, GA-L01<br>Update 21/07/08 | <ul style="list-style-type: none"> <li>- Dimensions (mm): L70 x W56 x H13</li> <li>- DC Input Voltage: 19V</li> <li>- Max Output Power: 120W</li> <li>- Input Current: Max.12A</li> <li>- Output Cables: 18+3pin to 20pin</li> </ul>   |

| PICTURE  | NAME             | FOR CASE   | SPECIFICATION   |
|--|------------------|--|---|
|   | GP87             | GN-L01, GS-L05,<br>GS-L06,<br>Standard in<br>GS-L08, GS-L09<br>Update 21/07/08 | <ul style="list-style-type: none"> <li>- Dimensions (mm): L56 x W30.5 x H21.5</li> <li>- DC Input Voltage: 12V</li> <li>- Max Output Power: 120W</li> <li>- Input Current: Max.12A</li> <li>- Output Cables: 1 big 4pin cable (150mm) + 1 small 4pin cable (100mm)<br/>+ 1 SATA cable (100mm)</li> </ul>  |
|   | GP89             |  | <ul style="list-style-type: none"> <li>- Dimensions (mm): L115 x W27.2 x H16.2</li> <li>- DC Input Voltage: 12V</li> <li>- Max Output Power: 120W</li> <li>- Input Current: Max.12A</li> <li>- Output Cables: 1 big 4pin cable (150mm) + 1 small 4pin cable (100mm)<br/>+ 1 SATA cable (100mm)</li> </ul> |
|    | GP90S            | GS-L05, GS-L06<br>Update 21/07/08  | <ul style="list-style-type: none"> <li>- Dimensions (mm): L45 x W45 x H18.78</li> <li>- DC Input Voltage: 12V</li> <li>- Max Output Power: 90W</li> <li>- Input Current: Max.12A</li> <li>- Output Cables: 1 big 4pin cable (220mm) + 1 small 4pin cable (220mm)<br/>+ 1 SATA cable (220mm)</li> </ul>    |
|  | GP91 =<br>FSP090 | Standard in<br>GS-L01, GS-L02,<br>GD-L01, GA-L01                               | <ul style="list-style-type: none"> <li>- Dimensions (mm): L110 x W55 x H20</li> <li>- DC Input Voltage: 19V</li> <li>- Max Output Power: 90W</li> <li>- Input Current: Max.19A</li> <li>- Output Cables: 1x big 4pin (Molex) + 1x small 4pin, 1x 20pin</li> </ul>   |

## Adapter

### FSP120-AAC

Fortron/Source 120W Power Adapter, AC input: 100 ~240 V,  
DC output: 19V=6.32A, for nBox

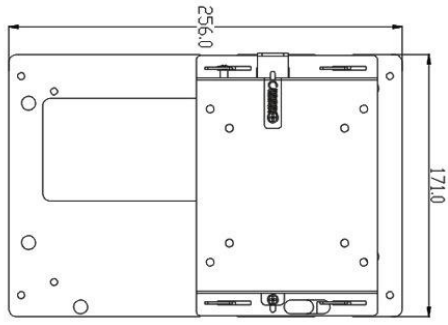


### FSP1062-CR

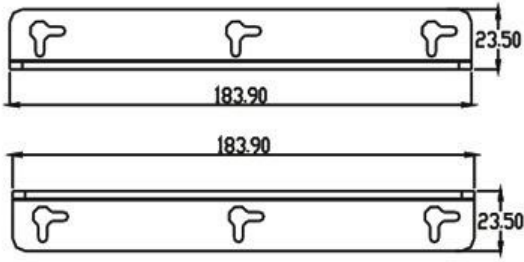
12V 60W Power Adapter, for nBOX GS-L05 & GS-L06,  
AC Input: 100 ~ 240 V, 1.6A, 50 ~ 60Hz DC output: 12.0V,



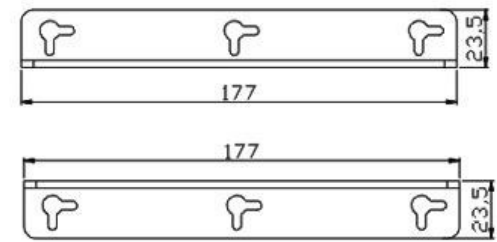
# Mounting Bracket



MB1



MB5



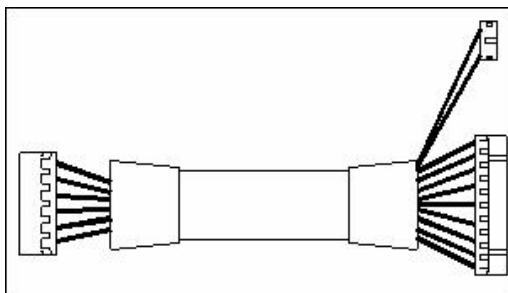
MB6

Power Supply Cable List (DC to MB)

PICTURE

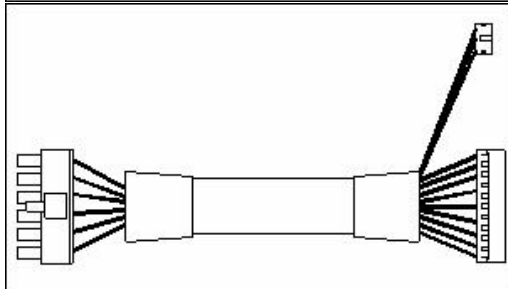
ITEM

SPECIFICATION



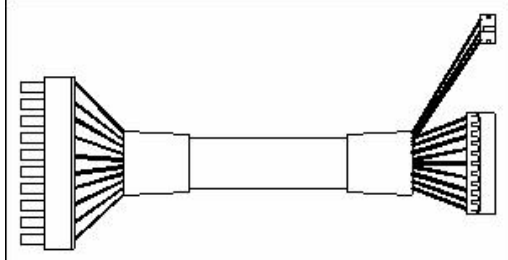
CW06

Spec.: 18+3pin to 12pin, L= 80mm  
 For DC Converter: GP87  
 For Case: GS-L08



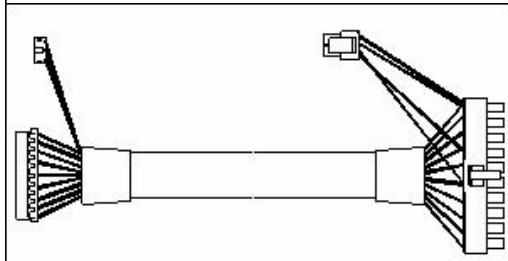
CW08

Spec.: 18+3pin to 12pin, L= 200mm  
 For DC Converter: GP87  
 For Case: GS-L09



CW22

Spec.: 18+3pin to 20pin, L= 250mm  
 For DC Converter: GP85 GP87  
 For Case: GA-L01, GS-L01, GS-L02, GS-L06



CW26

Spec.: 18+3pin to 20pin, L= 250mm  
 For DC Converter: GP85 GP87  
 For Case: GS-L10, GN-L01