

# fp6400

Part list

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| For safety critical components please contact Labgruppen for the right manufacturer |   |  |          |            |               |   |   |               |
|---|---|--|----------|------------|---------------|---|---|---------------|
| Item number   | Safety critical   | Item name  | Replaces | Designator | Service level |   |   | For 115V amps |
|   |   |  |          |            | 1             | 2 | 3 |               |
| <b>Power Supply</b>   |   |  |          |            |               |   |   |               |
| SP80FA-2x32-2   |   | Smps 8kw Flyback Module A 2x3200w 2ohm                       |          |            |               |   | X | See below     |
| SP80CB-2x32-2   |   | Switch Mode Power Supply 8kw Capacitor Bank 2x3200w 2ohm     |          |            |               |   | X | See below     |
| 56R9W5%   |  | Resistor Wire Wound 56r 9W 5%                                |          |            |               |   | X | See below     |
| 6K4FUI9330_LAB  |  | Transformer 6.4kW  |          |            |               |   | X |               |
| PCSPNO40A18V  |  | Relay Pcb Single Pole Normally Open 40a 18v                  |          |            |               |   | X |               |
| GBPC35-06   |   | Diode Bridge Gbpc35-06                                       |          |            |               |   | X |               |
| 220u385V35x55P W  |  | Cap. Electrolytic 220u 385V 35x55mm Printed Wiring Terminals |          |            |               |   | X |               |
| 180R.6W1%   |   | Resistor Metal Film 180r .6W 1%                              |          |            |               |   | X |               |
| STTA3006PI  |   | Diode Power Stta3006pi 600v Isolated Dop3i                   |          |            |               |   | X |               |
| SGW25N120   |   | Transistor Igbt Power Sgw25n120                              |          |            |               |   | X |               |
| TIP50   |   | Transistor Bipolar Power Tip50                               |          |            |               |   | X |               |
| UA741   |   | Ic Operational Amplifier Ua741                               |          |            |               |   | X |               |
| BC337   |   | Transistor Bipolar Signal Bc337                              |          |            |               |   | X |               |
| 1n250VMMK5  |   | Capacitor Polyester 1n 250V Mmk 5mm                          |          |            |               |   | X |               |
| 10n250VMMK5   |   | Capacitor Polyester 10n 250v Mmk 5mm                         |          |            |               |   | X |               |
| LM317T  |   | Ic Voltage Regulator Lm317t                                  |          |            |               |   | X |               |
| 1N4148  |   | Diode Signal 1n4148  |          |            |               |   | X |               |

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|        |  |                             |  |  |  |  |  |  |   |
|--------|--|-----------------------------|--|--|--|--|--|--|---|
| IRF730 |  | Transistor Mos Power Irf730 |  |  |  |  |  |  | X |
|--------|--|-----------------------------|--|--|--|--|--|--|---|


|                     |   |  |                               |  |  |  |  |  | For 115V amps |           |
|---------------------|---|--|-------------------------------|--|--|--|--|--|---------------|-----------|
| <b>Power Supply</b> |   |  |                               |  |  |  |  |  |               |           |
| SP80FB01e-2x32-2    |   | SMPS 8kw Flyback Module B 2x3200w 2ohm rev.01e | Replaces all SP80FBXXX-2x32-2 |  |  |  |  |  | X             | See below |
| PCSPNO40A18V        |  | Relay Pcb Single Pole Normally Open 40a 18v    |                               |  |  |  |  |  | X             |           |
| 1n250VMMK5          |   | Capacitor Polyester 1n 250V Mmk 5mm            |                               |  |  |  |  |  | X             |           |
| 10n250VMMK5         |   | Capacitor Polyester 10n 250v Mmk 5mm           |                               |  |  |  |  |  | X             |           |
| TIP50               |   | Transistor Bipolar Power Tip50                 |                               |  |  |  |  |  | X             |           |

| INPUT and OUTPUT |  |  |  |  |  |  |  |  |   |
|------------------|--|--|--|--|--|--|--|--|---|
| IN2GTD-2x32-2    |  | Inp Amp 2ch Control Circuit Classtd Gain Switch 2x3200w 2ohm |  |  |  |  |  |  | X |
| 1N5404           |  | Diode Power 1n5404   |  |  |  |  |  |  | X |
| Q6015L5          |  | Triac Q6015L5 TO-220   |  |  |  |  |  |  | X |
| MC33078          |  | Ic Operational Amplifier Mc33078                             |  |  |  |  |  |  | X |
| NE5532           |  | Ic Operational Amplifier Ne5532                              |  |  |  |  |  |  | X |
| LF353            |  | Ic Operational Amplifier Lf353                               |  |  |  |  |  |  | X |
| VTL5C4           |  | Ic Photocoupler Vtl5c4                                       |  |  |  |  |  |  | X |
| MC33078          |  | Ic Operational Amplifier Mc33078                             |  |  |  |  |  |  | X |
| LF353            |  | Ic Operational Amplifier Lf353                               |  |  |  |  |  |  | X |
| LM318_NAT        |  | Ic Operational Amplifier Lm318 National                      |  |  |  |  |  |  | X |

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| Amp Board      |   |  |  |  |  |  |   |
|----------------|---|--|--|--|--|--|---|
| A20TDL02e-32-2 |   | Amp Module Low Frequency Class TD<br>rev02vers.e 3200w 2ohm    |  |  |  |  | x |
| A20TDH02d-32-2 |   | Amplifier Module High Frequency 3200w 2ohm<br>Class Td rev.02d |  |  |  |  | x |
| CVA20TDH       |   | Cover High Frequency Amplifier Module 2kw<br>Class Td          |  |  |  |  | x |
| 330n250VMMK15  |  | Capacitor Polyester 330n 250V Mmk 15mm                         |  |  |  |  | x |
| 470u10V10x18A  |   | Capacitor Electrolytic 470u 10V 10x18mm<br>Axial               |  |  |  |  | x |
| 100n63VMMK5    |   | Capacitor Polyester 100n 63V MMK 5mm                           |  |  |  |  | x |
| 1n200VNP05%5   |   | Capacitor Ceramic 1n 200V Np0 5% 5mm                           |  |  |  |  | x |
| 470p200VNP05%5 |   | Capacitor Ceramic 470p 200V Np0 5% 5mm                         |  |  |  |  | X |
| BZW06P15B      |   | Diode Transient Voltage Supression<br>Bzw06p15b                |  |  |  |  | X |
| 12V.4W5%       |   | Diode Zener 12V .4W 5%   |  |  |  |  | X |
| STTH1506DPI    |   | Diode Power STTH1506DPI  |  |  |  |  | X |
| IXFN73N30      |   | Transistor Mos Power Ixfn73n30                                 |  |  |  |  | X |
| LM318_NAT      |   | Ic Operational Amplifier Lm318 National                        |  |  |  |  | X |
| BC557B         |   | Transistor Bipolar Signal Bc557b                               |  |  |  |  | X |
| BC547B         |   | Transistor Bipolar Signal Bc557b                               |  |  |  |  | X |
| MJW21196       |   | Transistor Bipolar Power Mjw21196 To-247                       |  |  |  |  | X |
| MJW21195       |   | Transistor Bipolar Power Mjw21195 To-247                       |  |  |  |  | X |
| 1N4004         |   | Diode Power 1n4004   |  |  |  |  | X |
| MJW21194       |   | Transistor Bipolar Power Mjw21194 To-247                       |  |  |  |  | x |
| 15V.4W5%       |   | Diode Zener 15V .4W 5%   |  |  |  |  | X |
| 4R75W5%        |   | Resistor Wire Wound 4r7 5W 5%                                  |  |  |  |  | X |

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|          |  |                                |  |  |  |  |  |   |
|----------|--|--------------------------------|--|--|--|--|--|---|
| LM319    |  | Ic Comparator Lm319            |  |  |  |  |  | X |
| R335W10% |  | Resistor Wire Wound R33 5W 10% |  |  |  |  |  | X |


|                 |   |   |  |  |  |  |  |   |
|-----------------|---|---|--|--|--|--|--|---|
| <b>Chassis</b>  |   |   |  |  |  |  |  |   |
| FP-FP6400       |   | Front Panel Fp6400  |  |  |  |  |  | X |
| SPLA20TDA-A     |   | Side Panel Left Power Amplifier A20td<br>Aluminium Assembled  |  |  |  |  |  | X |
| SPRA20TDA-A     |   | Side Panel Right Power Amplifier A20td<br>Aluminium Assembled |  |  |  |  |  | X |
| RP-FP6400-230-A |   | Rear Panel Fp6400 230v Pre Assembled                          |  |  |  |  |  | X |
| DCSL1-PBLK      |   | Dust Clip Steel Left Type 1 Painted Black 100 -<br>An203d     |  |  |  |  |  | X |
| DF115x62x5-20   |  | Dustfilter 115x62x5mm 20ppi Filtren Firend (a)<br>V-0 Hf1     |  |  |  |  |  | X |
| DF139x62x5-20   |  | Dustfilter 139x62x5mm 20ppi Filtren Firend (a)<br>V-0 Hf1     |  |  |  |  |  | X |
| DCSR1-PBLK      |   | Dust Clip Steel Right Type 1 Painted Black<br>100 - An203d    |  |  |  |  |  | X |
| RP-FP6400U-A    |   | Rear Panel Fp6400 115V (us) Pre Assembled                     |  |  |  |  |  | x |

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| Miscellaneous |   |  |  |  |  |   |
|---------------|---|--|--|--|--|---|
| LD92-2x32-2   |   | Led Display Module 9-diode 2-channel                         |  |  |  | X |
| POT2          |  | Pcb Potentiometer Board 2-channel                            |  |  |  | X |
| Rear          |   | Rear Support Kit   |  |  |  | x |
| HDL2HEM5_MEN  |   | Handle 2he M5, Spacing 55mm Mentor 3268.1103                 |  |  |  | x |
| LYEL2.5x5     |   | Diode Led Yellow 2.5x5mm                                     |  |  |  | x |
| PIND-SP80-1   |   | Led Display Power Ind. 2-diode Sp80 Type 1 Yel+grn 2.5x5     |  |  |  | x |
| PIND-SP80-1U  |   | Led Display Power Ind. 2-diode Sp80 Type1 Yel+grn 2.5x5 115V |  |  |  | x |
| F80x25-24HS   |   | Fan 80x80x25mm 24vdc High Speed                              |  |  |  | X |

| 115v           |   |   |  |  |  |   |
|----------------|---|---|--|--|--|---|
| Power Supply   |   |   |  |  |  |   |
| SP80FA-2x32-2U |   | Smps 8kw Flyback Module A 2x3200w 2ohm 115V |  |  |  | X |
| SP80FB-2x32-2U |   | Smps 8kw Flyback Module B 2x3200w 2ohm 115V |  |  |  | X |
| 22R9W5%        |  | Resistor Wire Wound 22r 9W 5%               |  |  |  | X |