



TruMicro Series 7000

Technical data

TruMicro 7050**TruMicro 7060 (new generation)****TruMicro 7060****LASER PARAMETERS**

| | | | |
|------------------------------------|--------------|--|--------------|
| AVERAGE OUTPUT POWER | 750 W | 1000 W | 850 W |
| BEAM QUALITY | 20 mm ■ mrad | 10 mm ■ mrad , depends on the optical laser cable that is used | 20 mm ■ mrad |
| WAVELENGTH | 1030 nm | 1030 nm | 1030 nm |
| PULSE DURATION | 30 ns | 30 ns | 30 ns |
| MAXIMUM PULSE ENERGY | 80 mJ | 100 mJ | 80 mJ |
| MINIMUM REPETITION RATE | 5 kHz | 5 kHz | 5 kHz |
| MAXIMUM REPETITION RATE | 100 kHz | 100 kHz | 100 kHz |
| MINIMUM LASER LIGHT CABLE DIAMETER | 400 µm | - | 400 µm |

STRUCTURAL DESIGN

| | | | |
|---------------------------------------|----------------------------|----------------------------|----------------------------|
| DIMENSIONS OF SUPPLY UNIT (W X H X D) | 1460 mm x 1350 mm x 730 mm | 1340 mm x 1430 mm x 725 mm | 1460 mm x 1350 mm x 730 mm |
|---------------------------------------|----------------------------|----------------------------|----------------------------|

TruMicro 7070 (new generation)**TruMicro 7240****LASER PARAMETERS**

| | | |
|------------------------------------|--|-------------|
| AVERAGE OUTPUT POWER | 2000 W | 300 W |
| BEAM QUALITY | 10 mm ■ mrad , depends on the optical laser cable that is used (300 µm fiber), 21 mm*mmrad (620 µm square) | 5 mm ■ mrad |
| WAVELENGTH | 1030 nm | 515 nm |
| PULSE DURATION | 30 ns | 300 ns |
| MAXIMUM PULSE ENERGY | 100 mJ | 7.5 mJ |
| MINIMUM REPETITION RATE | 5 kHz | 20 kHz |
| MAXIMUM REPETITION RATE | 250 kHz | 100 kHz |
| MINIMUM LASER LIGHT CABLE DIAMETER | - | 100 µm |

STRUCTURAL DESIGN

| | | |
|---------------------------------------|----------------------------|----------------------------|
| DIMENSIONS OF SUPPLY UNIT (W X H X D) | 1340 mm x 1430 mm x 725 mm | 1460 mm x 1350 mm x 730 mm |
|---------------------------------------|----------------------------|----------------------------|