

KRIEGLER

KRATOS

Power Supply Output Filter Datasheet and measurements

See www.krieg.tech for the product page

Test and equipment

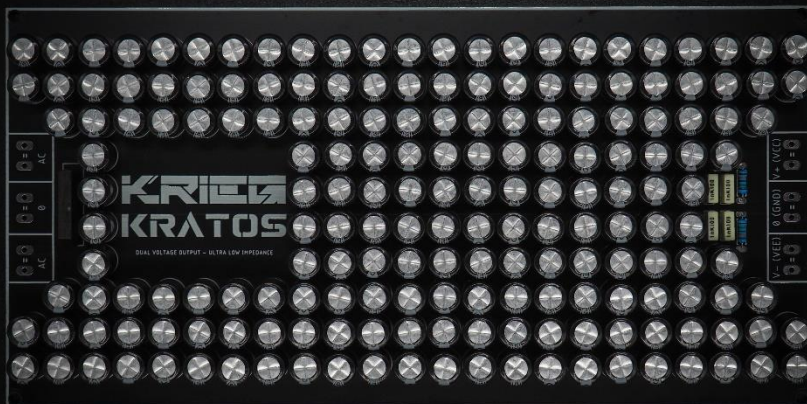
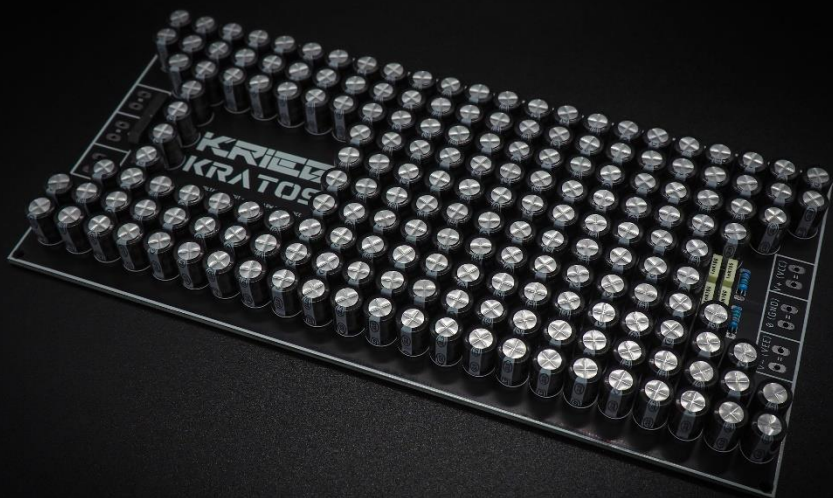
EQUIPMENT:

- TACKlife DM01M
- Capacitor tester
- Power supply: 1 x PS-305D

TEST APPLIED:

- Maximum working current
- Total capacitor ESR
- Total capacitance

***NOTE:** All test have been done in a normal environment and at an average temperature of 27°C.



Datasheet – KRATOS

| MEASURED DATA AND SPECIFICATIONS | |
|---|-------------------------------|
| Bridge rated working current | 4 A |
| Bridge max output current | 80 A |
| Maximum input AC voltage | 35 Vac |
| Maximum output voltage | 50 Vdc |
| Output voltage rails | VCC (V+) GND (0) VEE (V-) |
| | |
| Maximum frequency tested | 100 kHz |
| | |
| Single electrolytic capacitor V-loss | 0.5% |
| Single electrolytic capacitor ESR | 0.30 Ohm |
| Total electrolytic capacitors | 188 |
| | |
| Single film capacitor V-loss | 0.07% |
| Single film capacitor ESR | 0.01 Ohm |
| Total film capacitors | 4 |
| | |
| Calculated total ESR | 0.0031 Ohm |
| | |
| Board Size | 100 x 200 mm |