NEW SOURCE TECHNOLOGY LLC

Phone: 925 462 6888 • FAX: 925 462 8388
• Email:sales@newsourcetechnology.com
www.newsourcetechnology.com

## Capacitor Charging Power Supplies

The CCPF capacitor charging power supplies utilize the latest innovation in power electronics to deliver clean and efficient power for pulsed Laser applications. The CCPF models can drive both PFN loads and reservoir charging circuits. Leakage current is less than 300us, and the power factor is greater than 0.99. Conducted emissions meet stringent European regulations and no additional line filter is required to meet EN55011 emission requirements. Output voltage is up to 15kV. The two styles, Shoebox and Cassis, are available.

| Shoebox Model | $Pout_{max}$ | $Vout_{max}$ | Input Voltage [VAC] | Input Current [A@VAC] | Size (LxWxH) [mm] | Wt [lbs] |
|---|---|---|---|---|---|---|
| CCPF-500 | 500J/sec | 500V to 4kV | 90～264 | 5.5@115 | 232×152×94 | 4.5 |
| CCPF-1500 | 1500J/sec | 500V to 4kV | 90～264 | 15@115 | 323×146×104 | 8 |
| CCPF-2000 | 2000J/sec | 500V to 4kV | 180～264 | 11@220 | 322×146×104 | 8 |
| CCPF-3500 | 4000J/sec | 500V to 4kV | 180～264 | 20@220 | 36×134×152 | 15 |
| CCPF-1500 SYS* | 1500J/sec | 500V to 4kV | 180～264 | 15@220 | 323×146×129 | 12 |
| * Includes internal150mA simmer supply and +24Vauxiliary output | | | | | | |

| Chassis Model | $Pout_{max}$ | $Vout_{max}$ | Input Voltage [VAC] | Input Current [A@VAC] | Size (LxWxH) [mm] | Wt [lbs] |
|---|---|---|---|---|---|---|
| CCPF-2000 | 2000J/sec | 500V to 15kV | 180～264 | 11@220 | 419×439×94 | 20 |
| CCPF-6000 | 6000J/sec | 500V to 4kV | | 36@220 | 419×439×94 | 25 |

### NEW !CCHP3ΦHigh Power Capacitor Charging Power Supply

The CCHP capacitor charging power supplies utilize the latest innovations in power electronics to deliver clean and efficient energy for pulsed power application. The CCHP is the first commercially available 3 phase capacitor charger designed as a low cost module for high volume OEM use.

| CCHP 3Φ Model | $Pout_{max}$ | $Vout_{max}$ | Input Voltage [VAC] | Input Current [A@VAC] | Size (LxWxH) [mm] |
|---|---|---|---|---|---|
| **CCHP-3500** | **3500J/sec** | **250V to 4kV** | **200-240VAC, 3Φ 50/60Hz** | **13.7/Φ @200 7.2A/Φ @380** | **439×422×94** |
| **CCHP-6000** | **6000J/sec** | **250V to 4kV** | **380-480VAC, 3Φ 50/60Hz** | **23.5/Φ @200 11.6A/Φ@380** | **439×422×94** |

**For more details, contact sales@newsourcetechnology.com.**