

CSP 300 – PORTABLE SEISMIC ENERGY SOURCE

- Designed to be the smallest, lightest 350 Joule power source in the world by the manufacturer of the field proven, industry standard CSP range of Energy Sources.
- Cutting edge power supply technology evolved from years of field use.
- NEW * All CSP units now contain our new, proprietary Variable Input Power Circuitry (AVIP) enabling the new breed of CSPs to operate from the smallest of generators.
- Reliability and security with global after sales service and support from the world's leading seismic power source manufacturer.
- All CSP units contain our proprietary pulse shaping circuitry for optimisation of high resolution data.
- All CSP units meet current EC emissions regulations enabling interference-free field and laboratory use.
- NEW * Higher rated charger for better 'overhead' or more energy.
- Virtually silent energy source operation.
- Short circuit proof in all fault conditions.
- All settings externally selectable including voltage output power increments of 100, 200, 300 & 350 Joules.
- Solid state (semiconductor) discharge method.
- NEW * All CSP units come complete with Hardigg case and HV cable junction box as standard.
- Unrivalled cost-effectiveness.



SPECIFICATIONS

- Dimensions : 17.78cm high x 48.25 cms wide x 50.8 cms deep (including handles).
- Weight : 24 kg (35 kg with 4U Hardigg Case)
- Mains Input : 200-240 VAC. 115V Units available to order. 45-65Hz @ 2.0kVA. 3 pin connector, Power factor corrected. Contains AVIP soft start circuitry to reduce generator requirements.
- Voltage Output : 3550 volts DC, 4 pin interlocked connector, Semi-conductor discharge method.
- Output Energy : Externally selectable in increments of 100, 200, 300 & 350 Joules.
- Charging Rate : 1050J/second for continuous operation at 0 - 50°C ambient or 1500J/second for short duration work.
- Capacitance : 48µf , 10⁸ shot life.
- Trigger : +ve key opto isolated or closure set by front panel switch. BNC connector on front panel and remote.
- Repetition Rate : 6 pps maximum. To 3pps @ 350J.
- Earth : M8 stainless steel stud on front panel.
- Internal Design : A Modular approach allows for easy servicing and capacitor replacement. (However, for safety reasons, only factory trained technicians should attempt a repair)
- Safety Features : Main electronic control circuits and secondary layer of safety circuitry. Specially designed HV connector. High speed dump resistors for high voltage components. Capacitor bleed resistors. Open circuit shutdown. Short circuit proof. Cover and connector interlocks. Remote control available for triggering and operation.

CSP UNITS ARE PART OF OUR INTEGRATED RANGE OF BOOMER AND SPARKER SYSTEMS



AAE CAT 200 CATAMARAN, AA200 BOOMER PLATE AND CSP 300 – PORTABLE POWER SOURCE.



COMPLETE CSP 300-PORTABLE BOOMER SYSTEM WITH OMS 360 PROCESSOR AND ALDEN 9315 CTP PRINTER.