



3 Phase DC CVCC

MULTIPOWER 460-SE POWER SOURCE

MultiPower 460-SE Power Source

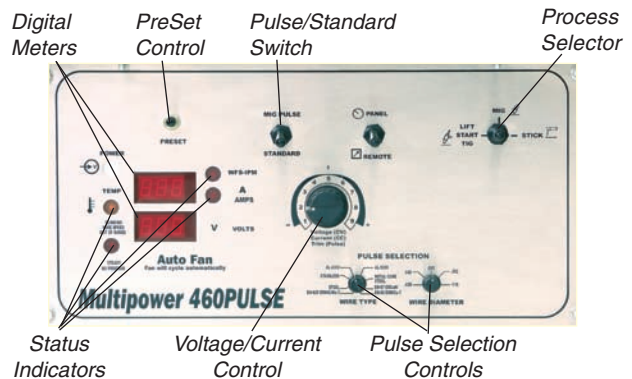
- Multi-process, three phase power source designed for heavy duty Industrial DC welding applications.
- Use for High Performance Mig, Pulse Mig, Flux Cored wire, Stick electrode welding, Tig and Air Carbon Arc Gouging
- SuperSwitch Technology design, provides superior inverter like performance in the welding arc while providing SCR like reliability.
- Sheet metal parts and hardware made of stainless steel for superior durability in harsh environments.
- Non-Corrosive, high impact strength, non-flammable, composite side panels and top
- Built-in arc force control for superior stick electrode performance.
- Digital preset of voltage/amperage on all process at the front panel.
- Auto Fan feature standard in the unit for energy savings. Automatically turns the fan motor on and off when needed.
- Energy and power efficient, the best in its class with a 92% efficiency figure. Saves energy and reduces power costs. Uses up to 50% less current than conventional SCR machines. See chart.
- Synergic/Non-Synergic Mig Pulse welding capability with the intelligence built into the power source (Standard on pulse unit, optional in the standard unit) Allows you to do Pulse Mig with almost any wire feeder.
- 100% Solid State, no mechanical contactor
- Touch Tig™ Start capability
- Optional remote control and 115vac auxiliary power receptacle.

Ordering Information

MultiPower 460cvcc, 230(208)/460vac
50/60 Hz 3ph0558004922

Options & Accessories

ESAB Feeder/Remote Control Kit (SS) 0558003410
(14 pin remote, 19 pin Esab feeder, and 115vac receptacles)
Power source to wire feeder control cables - see section Wire Feeders - Accessories - Control Cables
HC-3B Hand Control, 30 ft. (9.1m) cable 33838
(requires Kit 0558003410 above)
Work Cable with Clamp (15 ft.)..... 0558001440
Feeder Cable with Lug (15 ft.).....0558001441
Output Terminal Boot.....0558006581



Control Panel

Specifications

Rated DC Output
100% Duty Cycle*, cv or cc.....450 amps 38 vdc
60% Duty Cycle*, cv or cc.....500 amps 39 vdc
Welding Range.....10A/12V to 500A/40V
Open Circuit Voltage Max.....80vdc
Primary Input Voltage and Current @ 100% DutyCycle
230(208)/460, 60Hz 3ph 66/33 amps
Power Factor at Rated Output 89%
Efficiency at Rated Output..... 92%
Optional Auxiliary Output Power.....115vac 50/60Hz, 10 amps
Physical Dimensions
W x L x H..... 19 in. (483mm) x 35 in. (819mm) x 29 in. (622mm)
Net Weight.....322 lbs.(146 kg)
Shipping Weight.....375 lbs. (170 kg)

* For 208 vac, 60 Hz and 380 vac, 50 Hz service derate output current rating 10%.

Instruction Manual.....0558004964
Sales Literature.....(12-01-2006) ARC-23206



DC - CV & CVCC
Power Sources