

# PRO \* WELD

INTERNATIONAL

## ARC-656

**STUD WELDING POWER SUPPLY**

### DESCRIPTION

The ARC-656 is a compact, lightweight stud welding power supply capable of welding studs thru 1/2" diameter reduced weld base. The power supply which operates on three phase power produces a smooth, stable welding arc. The front panel digital display indicates the weld time which is infinitely adjustable for preciseness and repeatability.

The expanded time range provides fine adjustment of weld time for special short cycle applications such as welding to thin materials.

A specially designed electronic gun control circuit has been incorporated to increase overall reliability. If a fault condition occurs due to a shorted gun solenoid or a faulty control cable, the circuit will prevent gun retriggering and eliminate damage to printed circuit boards.

### SPECIFICATIONS

DIMENSIONS:	8-1/4"H X 11-1/4"W X 17"D
OUTPUT:	650 AMPS @ 36 VDC
WEIGHT:	77 LBS
DUTY CYCLE:	3/8" 8/MIN
INPUT:	208/230/460 VAC 3 PHASE 60 HZ
FUSING:	60/60/30 DELAY TYPE
OPTIONAL INPUT	230/460/575 VAC 60HZ 380VAC 50HZ
TIME CONTROL:	.015- 1.00 SEC

### COMPONENTS

ITEM	DESCRIPTION	PART NO.
POWER SUPPLY	208/230/460 VAC 60HZ	200-0027
POWER SUPPLY	230/460/575 VAC 60HZ	200-0027-575
POWER SUPPLY	380 VAC 50HZ	200-0033
WELD GUN	STANDARD DUTY / 25 FT CABLE	300-0802
WELD GUN	STANDARD DUTY W/ DAMPNER 25 FT CABLE	300-0803
WELD GUN	SET LIFT / 25 FT CABLE	300-0804
GROUND CABLE	#2 X 15' AND CLAMP	125-0101



### FEATURES

- \* Designed and built in U.S.A.
- \* Precise weld time adjustments
- \* Lightweight Aluminum cabinet
- \* Short cycle capabilities
- \* Diagnostic L.E.D.'s
- \* State of the art gun control circuitry
- \* Portable
- \* 3 Year warranty on Printed Circuit Board

DISTRIBUTED BY



PRODUCTION FASTENING  
SYSTEMS, L.L.C.