

Power Sources



STICK WELDERS

Power Source	OUTPUT			PROCESS								INPUT			
	Mode	Polarity	Range: A = amps V = volts	Stick	TIG Scratch	TIG Touch-Start™	TIG Hi-Freq®	MIG	Pulsed	Flux-Cored	Submerged Arc	Arc Gouging	Phase	Hertz	Literature
AC-225C	CC	AC	40-225 A	■									1	60	E2.40
AC-225	CC	AC	40-225 A	■									1	50,60	E2.30
AC/DC 225/125	CC	AC	40-225 A	■									1	50,60	E2.60
		DC	30-125 A	■	▲										
Idealarc 250	CC	AC	35-300 A	■			●						1	50,60	E2.70
		DC	40-250 A	■	▲		●				▲				
V100-S	CC	DC	8-100 A	■	▲								1	50,60	E2.140
V160-S	CC	DC	5-160 A	■		■							1	50,60	E2.145
V275-S	CC	DC	5-275 A	■	▲	■						▲	1/3	50,60	E2.161
R3R 400	CC	DC	60-500 A	■	▲		●					▲	3	60	E2.100
R3R 500	CC	DC	75-625 A	■	▲		●					▲	3	60	E2.100

TIG WELDERS

Power Source	OUTPUT			PROCESS								INPUT			
	Mode	Polarity	Range: A = amps V = volts	Stick	TIG Scratch	TIG Touch-Start™	TIG Hi-Freq®	MIG	Pulsed	Flux-Cored	Submerged Arc	Arc Gouging	Phase	Hertz	Literature
Precision TIG 185	CC	AC/DC	185 A	■		■	■						1	50,60	E3.36
Precision TIG 275	CC	AC/DC	5-340 A	■		■	●						1	50,60	E3.42
Precision TIG 375	CC	AC/DC	2-420 A	■		■	■						1	50,60	E3.51
V160-T	CC	DC	5-160 A	▲	■	■	■						1	50,60	E3.105
V205-T AC/DC	CC	AC/DC	6-200 A	▲	■	■	■						1	50,60	E3.110

MIG/FLUX-CORED WELDERS

Power Source	OUTPUT			PROCESS								INPUT			
	Mode	Polarity	Range: A = amps V = volts	Stick	TIG Scratch	TIG Touch-Start™	TIG Hi-Freq®	MIG	Pulsed	Flux-Cored	Submerged Arc	Arc Gouging	Phase	Hertz	Literature
SP-135T	CV	DC	25-135 A					■	■				1	60	E7.21
SP-135 Plus	CV	DC	25-135 A					■	■				1	60	E7.22
SP-175T	CV	DC	30-175 A					■	■				1	60	E7.34
SP-175 Plus	CV	DC	25-175 A					■	■				1	60	E7.35
Power MIG 215	CV	DC	30-250 A					■	■				1	50,60	E7.51
Power MIG 255	CV	DC	30-300 A					■	■				1	60	E7.53
Power MIG 300	CV	DC	5-350 A	■	■			■	■			▲	1	50,60	E7.56
CV-250	CV	DC	30-300 A 7-32 V					■	■				3	60	E4.10
CV-300	CV	DC	50-400 A 7-37 V					■	■				3	60	E4.20
CV-400	CV	DC	60-500 A 12-42 V					■	■		■		3	60	E4.30
CV-655	CV	DC	70-815 A 13-44 V					■	■	▲	■		3	50,60	E4.40
STT II	STT	DC	PK. 0-450 Bkgd. 0-125				STT						3	50,60	E4.52

PLASMA

Power Source	OUTPUT			Cutting Thickness	PROCESS				INPUT	
	Mode	Polarity	Range: A = amps V = volts		Cut	Gouge	Pierce	Phase	Hertz	Literature
Pro-Cut 25	CC	DC	12-25 A	3/8" maximum	■	▲	▲	1	50,60	E11.51
Pro-Cut 55	CC	DC	25-60 A	3/4" maximum	■	■	■	1/3	50,60	E11.60
Pro-Cut 80	CC	DC	35-85 A	1-1/4" maximum	■	■	■	1/3	50,60	E11.70

MULTI-PROCESS WELDERS

Power Source	OUTPUT			PROCESS								INPUT			
	Mode	Polarity	Range: A = amps V = volts	Stick	TIG Scratch	TIG Touch-Start™	TIG Hi-Freq®	MIG	Pulsed	Flux-Cored	Submerged Arc	Arc Gouging	Phase	Hertz	Literature
V350-PRO	CC/DC	DC	5-425 A 15-37 V	■	▲	■	●	■	●	■		▲	1/3	50,60	E5.91
DC-400	CC/DC	DC	60-500 A	■	▲		●	■		■	■	■	3	60	E5.20
		CV	12-42 V												
DC-600	CC/DC	DC	70-850 A	■	▲		●	■		■	■	■	3	50,60	E5.40
		CV	13-44 V												
DC-655	CC/DC	DC	50-815 A	■	▲		●	■		■	■	■	3	50,60	E5.46
		CV	13-44 V												
DC-1000	CC/DC	DC	150-1300 A					▲		■	■	■	3	50,60	E5.50
		CV	16-46 V												
DC-1500	CC/DC	DC	200-1500 A							■	■	▲	3	50,60	E5.60
		CV	20-60 V												
AC-1200	CC	AC	200-1500 A							■			1	50,60	E5.70
Power Wave 355	CC/DC	DC	5-425 A	▲	▲			■	■	■			1/3	50,60	E5.145
		CV	15-34 V												
Power Wave 455	CC/DC	DC	5-570 A	▲	▲			■	■	■			3	50,60	E5.160
		CV	10-43 V												
Power Wave 455/STT	CC/DC	DC	5-570 A	▲	▲			■	■	■			3	50,60	E5.170
		CV	10-43 V												
Multi-Weld System	CC/DC	DC+	5-325 A					STT	■						
		CV only	30-350 A 15-40 V	■					■	■		▲	3	50,60	E5.300

ENGINE DRIVEN WELDERS

Power Source	OUTPUT			PROCESS								Engine	Literature		
	Mode	Polarity	Range: A = amps V = volts	Stick	TIG Scratch	TIG Touch-Start™	TIG Hi-Freq®	MIG	Pulsed	Flux-Cored	Submerged Arc			Arc Gouging	
Power Arc 4000	CC	AC	70-125 A 4 KW	■										G	E6.20 E6.25
Weldanpower 125	CC	DC	50-125 A 4.5 KW	■	▲									G	E6.51
Ranger 10,000	CC/DC	AC	50-225 A	■	▲		●	▲		■				G	E6.92
		DC	50-210 A 9 KW												
Ranger 3 Phase	CC/DC	AC	50-225 A	■	▲		●	▲		■				G	E6.94
		DC	50-210 A 11.5p KW												
Ranger 250	CC/DC	DC	20-250 A 8.5 KW	■	■	■	●	■		■				G	E6.103
Ranger 250 LPG	CC/DC	DC	20-250 A 8 KW	■	■	■	●	■		■				G	E6.103
Ranger 305G	CC/DC	DC	20-305 A 9.5 KW	■	■	■	●	■		■				G	E6.117
Ranger 305D	CC/DC	DC	20-305 A 9.5 KW	■	■	■	●	■		■				D	E6.118
SAE-400	CC	DC	80-575 A 3 KW	■	▲		●			●				D	E6.180
SAE-400 Severe Duty	CC	DC	80-575 A 3 KW	■	▲									D	E6.180.1
Pipelinor 200G	CC	DC	40-300 A 1.75 KW	■			●			●				G	E6.131
Pipelinor 200D	CC	DC	40-300 A 1.75 KW	■			●			●				D	E6.132
Classic II	CC	DC	40-325 A 3 KW	■	▲		●	●		●				D	E6.140
Classic 300G	CC	DC	40-350 A 3 KW	■	▲		●	●		●				G	E6.156
Classic 300D	CC	DC	40-350 A 3 KW	■	▲		●	●		●				D	E6.155
Commander 300	CC/DC	DC	30-375 A 10 KW	■	■	■	●	■		■				D	E6.205
Vantage 500	CC/DC	DC	30-575 A 12 KW	■	■	■	●	■		■				D	E6.216
Air Vantage 500	CC/DC	DC	30-575 A 12 KW-1 20 KW-3	■	■	■	●	■		■				D	E6.217

KEY: Excellent ■ Good/Fair ▲ Optional ●