

Powermax1250 (Discontinued)

Powermax1250 has been Discontinued

Specifications

Input voltages	200 – 600 V, 1- or 3-PH, 50/60 Hz, CSA
Input current @ 12.0 kW	200/208/230/240/480 V, 1-PH: 70/70/60/58/31 A 200/208/230/240/400/480/600 V, 3-PH: 41/40/37/34/21/17/17 A
Output voltage	150 VDC
Duty cycle @ 40° C (104° F)	60% @ 80 A, 230 – 600 V, 3-PH 60% @ 80 A, 480 V, 1-PH 50% @ 80 A, 240 V, 1-PH 50% @ 80 A, 200 – 208 V, 3-PH 40% @ 80 A, 200 – 208 V, 1-PH
Maximum OCV	300 VDC
Dimensions	23.1" (586 mm) D; 10.65" (271 mm) W; 19.6" (498 mm) H
Weight with torch	96.6 lbs (44 kg)
Gas supply	Clean, dry, oil-free air or nitrogen
Flow rate	400 scfh; 6.7 cfm (189 l/min) at 90 psi (6.2 bar)
Flow pressure	70 psi (4.8 bar) flowing, 25' leads 75 psi (5.1 bar) flowing, 50' leads

Cutting Specifications

	Hand torch	Machine torch
Recommended capacity	7/8"	3/8"@ 100% duty cycle
Maximum capacity	1 1/8"	5/8"@ 50% duty cycle
Severance capacity	1 1/2"	

Material	Thickness		Current	Maximum travel speed*	
	(inches)	(mm)	(amps)	(ipm)	(mm/min)
Mild steel	22 GA	0.8	25	500	12700
	10 GA	3.6	40	151	3835
	1/4	6	40	74	1880
	3/8	10	80	94	2388
	1/2	12	80	60	1524
	3/4	19	80	31	787
	1	25	80	16	406
	1/32	0.8	25	610	15494
Aluminum	1/16	1.5	25	268	6807
	1/4	3.2	40	76	1930
	3/8	10	80	121	3073
	1/2	12	80	75	1905
	3/4	19	80	37	940
	1	25	80	14	356
Stainless steel	22 GA	0.8	25	496	12598
	10 GA	3.6	40	107	2718
	1/4	6	40	47	1194
	3/8	10	80	83	2108
	1/2	12	80	50	1270
	3/4	19	80	24	610
	1	25	80	14	356
	1/32	0.8	25	610	15494