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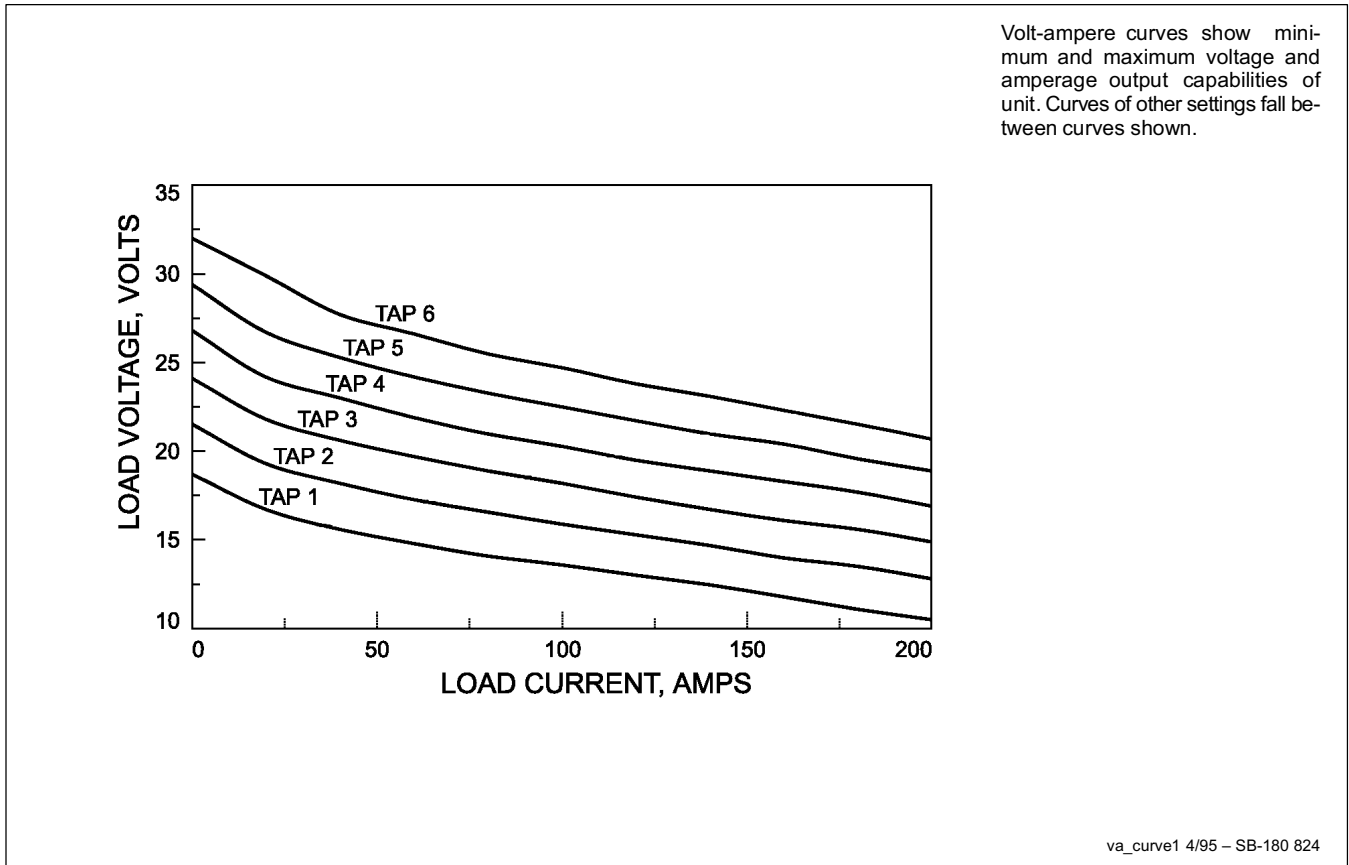
# SECTION 2 – INSTALLATION

## 2-1. Specifications

Rated Welding Output	Amperage Range	Maximum Open-Circuit Voltage DC	Amperes Input at Rated Load Output, 60 Hz, Single-Phase		KVA	KW	Weight	Overall Dimensions
			200 V	230 V				
150 A @ 23 Volts DC, 60% Duty Cycle	30 – 185	33	30 (1.6)*	26 (1.4)*	6 (0.27)*	5 (0.13)*	165 lb (75 kg)	Length: 36 in (915 mm) Width: 18 in (457 mm) Height: 27 in (686 mm)

Wire Type And Diameter			Calculated Wire Speed Range At No Load	Max Wire Feed Speed While Welding
Solid Steel / Stainless Steel	Flux Cored	Aluminum		
.023 – .035 in (0.6 - 0.9 mm)	.030 – .045 in (0.8 – 1.2 mm)	.030 – .035 in (0.8 – 0.9 mm)	138 – 795 IPM (3.5 – 20.3 m/min)	650 IPM (16.5 m/min)
*While idling				
Operating Temperature Range – –20C to +40C			Storage Temperature Range – –30C to + 50C	

## 2-2. Volt-Ampere Curves



va\_curve1 4/95 – SB-180 824