INPUT - DIESEL ENGINE											
Make/Model PERKINS	Description			Speed (RPM)			Displacement Star cu. in. (ltrs.) Sys		rting tem	Capacities	
(K2410-1) 404C-22	4 cylinder 32.7 HP 1800 RPM			High Idle 1880		Bo	135.6(2.2) rre x Stroke inch (mm)	12VDC starter (Group	Battery & 34; 650	Fuel: 15 gal. (57 L) Oil: 8.45Qts. (8L)	
(K2410-2) 404D-22	naturally aspirated water cooled Diesel Engine			Full Load 1800 Low Idle 1400			3.43 X 3.64 (87.1 x 92.5mm)	cold crai 65 Amp A W / Built i	nk amps) Iternator n Regulato	Radiator Coolant: r 8.0 Qts. (7.6L)	
RATED OUTPUT @ 104° F (40° C) - WELDER											
Welding Process			Welding Outp			Output Range			Max. Weld OCV @Bated Load BPM		
DC Constant Current			400A / 36V / 100% 450A / 32V / 100%				30 TO 500 AMPS				
DC Pipe Current			300A / 32V / 100%				40 TO 300	AMPS		60 Volts <sup>2</sup>	
Touch-Start™TIG			250A / 30V / 100				20 TO 250	AMPS			
DC Constant Voltage		e	400A / 36V / 10 450A / 32V / 10				14 TO 36 V	OLTS			
RATED OUTPUT @ 104° F (40° C) - GENERATOR											
Auxiliary Power 1											
12,000 Watts Peak, / 11,000 Watts Continuous, 60 Hz 120/240 Volts Single Phase 19,000 Watts Peak, / 17,000 Watts Continuous, 60 Hz, 240 Volts 3-Phase											
PHYSICAL DIMENSIONS											
HEIGHT			WIDTH			DEPTH			WEIGHT		
35.94* in.	35.94* in.		25.30 in			60.00 in.			1230 lbs. (559kg.)		
913 mm			043 11111			~ ! `					
	M						EM		COVERNOR		
Full Pressure	Full Pressure (K2410		)-1) EPA Tier II Me			nanical Fuel Pump, Auto air bleed			l svstem	Mechanical	
with Full Flow F	n Full Flow Filter (K2410-2) Complia				EPA Tier 4 interim Electric ant			shutoff solenoid, Indirect fuel in			
AIR CLEANER	AIR CLEANER ENG		E IDLE	MUFFLER				ENGINE	PROTECTION		
Single Element Auto		Automa	omatic Idler			Top outlet can be rotated.			pressure & high engine		
ENGINE WARRANTY: 2 years / 2000 hours, all non-electric components, 3 years major non-electric compo-											
MACHINE SPECIFICATIONS											
RECEPTACLES			AUX	AUXILIARY POWER CIRCUIT BREAKER					OTHER CIRCUIT BREAKERS		
<ul> <li>(2) 120VAC GFCI Duplex (5-20R)</li> <li>(1) 120/240VAC Dual Voltage Full KVA (14-50R)</li> <li>(1) 240VAC 3-Phase (15-50R)</li> </ul>			Tv (	Two 20AMP for Two Duplex Receptacle 10AMP (1) 50AMP for Dual Voltage and for 3-Phase (3-pole)					o for Batte o for 42V V	ry Charging Circuit Wire Feeder Power	

1. Output rating in watts is equivalent to volt-amperes at unity power factor. Output voltage is within ± 10% at all loads up to rated capacity. When welding, available auxiliary power will be reduced.

\* To Top of enclosure, add 10.68"(271.3mm) to top of exhaust pipe. Add 6.67"(169.4mm) to top of Lift Bail.

2. Reduced to less than 32V in the CC-stick Mode when VRD (VOLTAGE REDUCTION DEVICE) is on.