



# AIE

WE PROVIDE THE POWER



Kubota

# G-30

## TIER IV FINAL GEN SET

**DESIGNED | TESTED | BUILT**

AT ANDERSON INDUSTRIAL ENGINES



# G-30

30kW GENSET

## ENGINE OPTIONS

- V2403-T (22kW) DIESEL
- WG2503-G (17kW) GASOLINE
- WG2503-LN (17kW) LPG / NG

## PROVIDING POWER

For over 50 years, AIE has built the highest quality products for industrial applications. From bare engines to complete turn-key solutions, these easy to use, simple to integrate packages are quickly becoming the workhorse for numerous OEM applications of any scale.

## G-30 OPTIONS

### GENERATOR OPTIONS (AC AND DC)

- Mecc-Alte
- Marathon
- Linz
- Lima Mac

### AIR CLEANER

- Rain Cap
- Open
- Pre-Cleaner

### CONTROLS

- Deep Sea Electronics 4510
- Deep Sea Electronics 6110
- Deep Sea Electronics 7110
- Control Box Mounting Brackets (for Open Units)

### POWER CONFIGURATIONS

- Single phase 120/240 AC
- Three phase 120/208 AC
- Three phase 277/480 AC
- 24V/48V DC

### SHEET METAL ENCLOSURE

## KEY FEATURES

- Flexible fuel options
- Low vibration and smooth running
- Quiet and clean running engines
- Multiple control panel options
- Mains breaker included
- Monitoring of Voltage, Frequency, and Current
- Optional Sheet Metal Enclosure
- Fuel efficient operation with electronic fuel systems
- Safety shutdown for temperatures, pressure, and emergency stop
- Remote start available

# AIE TIER IV FINAL GENSETS

Designed, tested, and built at Anderson Industrial Engines, these open or enclosed units have the potential to completely evolve your product. Crafted with the customer in mind, and featuring multiple engine and generator combinations, these sets are capable of adapting to endless applications.



INFORMATION	UNIT	DIESEL		GASOLINE		LPG		NATURAL GAS	
Frequency	(Hz)	60							
Phase / Wire	A	1 / 4	3 / 12	1 / 4	3 / 12	1 / 4	3 / 12	1 / 4	3 / 12
Rated Voltage	V	120/240	277/480	120/240	277/480	120/240	277/480	120/240	277/480
Standby (Apparent Power)	kVA	30.2		25.8		26.7		24.0	
Standby (Reactive Power)	kW	30.2	24.2	25.8	20.7	26.7	21.4	24.0	19.2
Prime (Apparent Power)	kVA	27.5		21.5		22.3		20.2	
Prime (Reactive Power)	kW	27.5	22.0	21.5	17.2	22.3	17.9	20.2	16.1
Power Factor		1	0.8	1	0.8	1	0.8	1	0.8
Calculated Efficiency	%	90%							

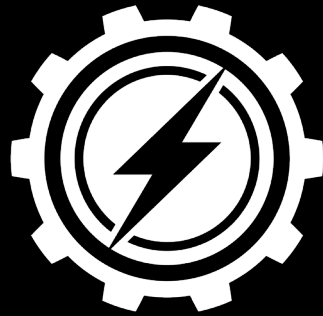
AMPS	UNIT	DIESEL		GASOLINE		LPG		NATURAL GAS	
Maximum	A	126.0	36.4	107.6	31.1	111.4	32.2	100.1	28.9
Continuous	A	114.8	33.1	89.6	25.9	93.0	26.8	84.0	24.2
Breaker	A	150	40	125	35	125	35	125	35

ENGINE	UNIT	DIESEL		GASOLINE		LPG		NATURAL GAS	
Manufacturer / Model		Kubota / V2403-CR-TIE4BG		Kubota / WG2503-G		Kubota / WG2503-LN			
Engine Speed	RPM	1800		1800					
Emission Standard		EPA Tier 4 Final, CARB		EPA Tier 2, CARB Tier 3					
Aftertreatment Device		DOC Only		Catalytic Converter with Muffler					
Number of Cylinders		4		4					
Displacement	L	2.434		2.491					
Oil Capacity	Qts	10		10					

GENERATOR	UNIT	DIESEL		GASOLINE		LPG		NATURAL GAS	
Manufacturer / Model		MeccAlte / ECP32-2S		MeccAlte / ECP32-2S	MeccAlte / ECP32-3S	MeccAlte / ECP32-2S	MeccAlte / ECP32-3S	MeccAlte / ECP32-2S	MeccAlte / ECP32-3S
Voltage Regulation	Type / %	AVR / +/- 1%		AVR / +/- 1%					
Insulation Class	Class	H		H					

\*\*\* Multiple Generator models available

SET	UNIT	DIESEL	GASOLINE	LPG	NATURAL GAS
Fuel Consumption	100% Load	2.2 gal/hr	2.3 gal/hr	15.6 lb/hr	13.8 lb/hr
	75% Load	1.6 gal/hr	1.8 gal/hr	11.7 lb/hr	10.3 lb/hr
	50% Load	1.1 gal/hr	1.2 gal/hr	7.8 lb/hr	6.9 lb/hr
	25% Load	0.5 gal/hr	0.6 gal/hr	3.9 lb/hr	3.4 lb/hr
Dimensions L x W x H	mm (in)	60.8 x 29.3 x 53.6		60.5 x 27.8 x 50.1	
Dry Weight	kg (lb)	1790		1680	
Net Weight	kg (lb)	1805		1695	



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