



AIE

WE PROVIDE THE POWER



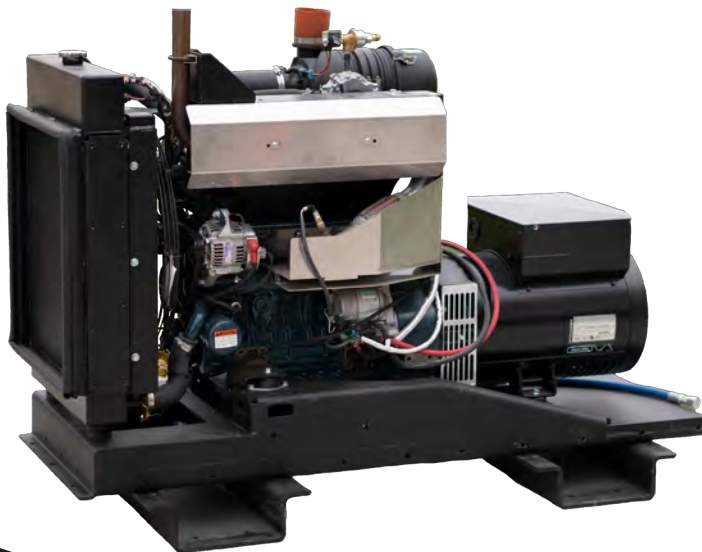
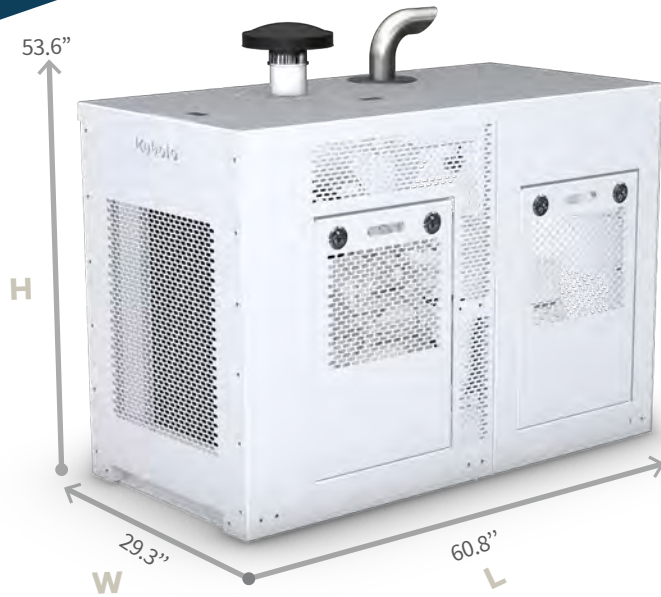
Kubota

G-20

TIER IV FINAL GEN SET

DESIGNED | TESTED | BUILT

AT ANDERSON INDUSTRIAL ENGINES



G-20

20kW GENSET

ENGINE OPTIONS

D1803-T (22kW) DIESEL
WG1605-G (17kW) GASOLINE
WG1605-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-20 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		60		60		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	21.8		17.3		17.1		16.0	
Standby (Reactive Power)	kW	21.8	17.4	17.3	13.8	17.1	13.7	16.0	12.8
Prime (Apparent Power)	kVA	18.2		16.0		15.8		14.9	
Prime (Reactive Power)	kW	18.2	14.5	16.0	12.8	15.8	12.7	14.9	11.9
Power Factor		1	0.8	1	0.8	1	0.8	1	0.8
Calculated Efficiency	%	90%							

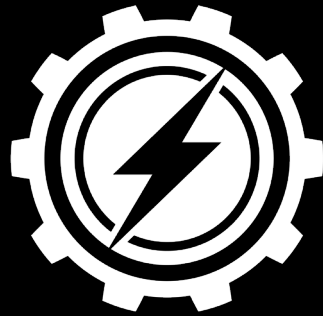
AMPS	UNIT	DIESEL		GASOLINE		LPG		NATURAL GAS	
Maximum	A	90.8	26.2	72.0	20.8	71.3	20.6	66.8	19.3
Continuous	A	75.8	21.9	66.8	19.3	66.0	19.1	61.9	17.9
Breaker	A	100	30	80	25	80	25	80	25

ENGINE	UNIT	DIESEL		GASOLINE		LPG		NATURAL GAS	
Manufacturer / Model		Kubota / D1803CR-TIE4BG		Kubota / WG1605-G		Kubota / WG1605-LN		Kubota / WG1605-LN	
Engine Speed	RPM	1800		1800		1800		1800	
Emission Standard		EPA Tier 4 Final, CARB		EPA Tier 2, CARB Tier 3		EPA Tier 2, CARB Tier 3		EPA Tier 2, CARB Tier 3	
Aftertreatment Device		DOC Only		Catalytic Converter with Muffler		Catalytic Converter with Muffler		Catalytic Converter with Muffler	
Number of Cylinders		3		4		4		4	
Displacement	L	1.8		1.54		1.54		1.54	
Oil Capacity	Qts	7.4		6.34		6.34		6.34	

GENERATOR	UNIT				
Manufacturer / Model***		MeccAlte / ECP32-2S		MeccAlte / ECP28-M/4	
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	1.6 gal/hr	1.5 gal/hr	9.8 lb/hr	7.8 lb/hr
	75% Load	1.2 gal/hr	1.1 gal/hr	7.4 lb/hr	5.9 lb/hr
	50% Load	0.8 gal/hr	0.7 gal/hr	4.9 lb/hr	3.9 lb/hr
	25% Load	0.4 gal/hr	0.4 gal/hr	2.5 lb/hr	2.0 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)	1620		1400	
Net Weight	kg (lb)	1635		1415	



AI E

WE PROVIDE THE POWER

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