



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-L (17kW) LPG
 WG1605-N (16kW) 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

Air cleaner is available with or without rain cap or pre-cleaner

CONTROLS

Deep Sea Electronics 6110
 Deep Sea Electronics 7310
 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 BATTERY MOUNT KIT

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

Powered By Kubota

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.



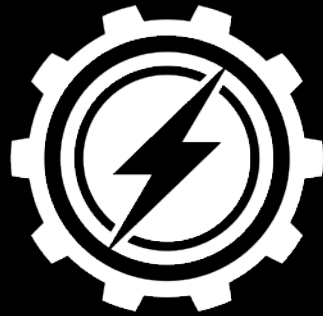
INFORMATION	UNIT	DIESEL		GASOLINE		LPG		NATURAL GAS	
Frequency	(Hz)	60		60		60		60	
Phase / Wire	A	1 / 4	3 / 12	1 / 4	3 / 12	1 / 4	3 / 12	1 / 4	3 / 12
Rated Voltage	V	120/240	277/480	120/240	277/480	120/240	277/480	120/240	277/480
Standby	kW	21.8		17.3		17.1		16.0	
Standby	kVA	21.8	27.2	17.3	21.6	17.1	21.4	16.0	20.0
Prime	kW	18.2		16.0		15.8		14.9	
Prime	kVA	18.2	22.7	16.0	20.0	15.8	19.8	14.9	18.6
Power Factor		1	0.8	1	0.8	1	0.8	1	0.8
Anticipated Efficiency	%	90%							

AMPS	UNIT	DIESEL		GASOLINE		LPG		NATURAL GAS	
Maximum	A	90.8	32.7	72.0	26.0	71.3	25.7	66.8	24.1
Continuous	A	75.8	27.3	66.8	24.1	66.0	23.8	61.9	22.3
Breaker	A	100	40	80	30	80	30	80	30

ENGINE	UNIT	DIESEL		GASOLINE		LPG		NATURAL GAS	
Manufacturer / Model		Kubota / D1803-CR-TIE4BG		Kubota / WG1605-G		Kubota / WG1605-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		3		4					
Displacement	L	1.826		1.54					
Oil Capacity	Qts	7.4		6.34					

GENERATOR	UNIT	DIESEL		GASOLINE		LPG		NATURAL GAS	
Manufacturer / Model		MeccAlte / ECP32 1S4 C	MeccAlte / ECP28 VL4 C	MeccAlte / ECP28 VL4 C	MeccAlte / ECP28 L4 C	MeccAlte / ECP28 VL4 C	MeccAlte / ECP28 L4 C	MeccAlte / ECP28 VL4 C	MeccAlte / ECP28 L4 C
Voltage Regulation	Type / %	AVR +/- 1%		AVR +/- 1%					
Insulation Class	Class	H				H			

SET	UNIT	DIESEL	GASOLINE	LPG	NATURAL GAS
Fuel Consumption	100% Load	1.76 gal/hr	1.65 gal/hr	10.89 lb/hr	8.71 lb/hr
	75% Load	1.32 gal/hr	1.23 gal/hr	8.17 lb/hr	6.53 lb/hr
	50% Load	0.88 gal/hr	0.82 gal/hr	5.45 lb/hr	4.36 lb/hr
	25% Load	0.44 gal/hr	0.41 gal/hr	2.72 lb/hr	2.18 lb/hr
Dimensions L x W x H (Open)	in	59.6 x 26.9 x 44.8		59.6 x 26.9 x 42.6	
Dimensions L x W x H (Enclosed)	in	60.8 x 29.3 x 53.6		60.5 x 27.8 x 50.1	
Dry Weight	lb	1620		1400	
Net Weight	lb	1635		1415	



AIE

WE PROVIDE THE POWER

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