Standby Power Rating 25 kW, 31 kVA, 60 Hz

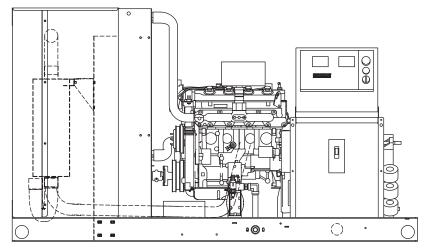


Image used for illustration purposes only





Codes and Standards

Generac products are designed to the following standards:





UL2200, UL508, UL489



CSA 22.2





BS5514 and DIN 6271



SAE J1349



NFPA 37, 70, 99, 110



NEC700, 701, 702, 708



ISO 3046, 7637, 8528, 9001



NEMA ICS10, MG1, 250, ICS6, AB1



ANSI C62.41



IBC 2009, CBC 2010, IBC 2012, ASCE 7-05, ASCE 7-10, ICC-ES AC-156 (2012)

Powering Ahead

Generac ensures superior quality by designing and manufacturing most of its generator components, such as alternators. enclosures. control systems communications software. Generac also makes its own spark-ignited engines, and you'll find them on every Generac gaseous-fueled generator. We engineer and manufacture them from the block up — all at our facilities throughout Wisconsin. Applying natural gas and LP-fueled engines to generators requires advanced engineering expertise to ensure reliability, durability and necessary performance. By designing specifically for these dry, hotter-burning fuels, the engines last longer and require less maintenance. Building our own engines also means we control every step of the supply chain and delivery process, so you benefit from single-source responsibility.

Plus, Generac Industrial Power's distribution network provides all parts and service so you don't have to deal with third-party suppliers. It all leads to a positive owner experience and higher confidence level. Generac sparkignited engines give you more options in commercial and industrial generator applications as well as extended run time from utility-supplied natural gas.

QT025A | 2.4L | 25 kW

INDUSTRIAL GASEOUS GENERATOR SET

EPA Certified Stationary Emergency

STANDARD FEATURES

ENGINE SYSTEM

- · Oil Drain Extension
- · Heavy Duty Air Cleaner
- · Fan Guard
- Stainless Steel Flexible Exhaust Connection
- · Factory Filled Oil and Coolant
- Radiator Duct Adapter (Open Set Only)
- Critical Exhaust Silencer (Enclosed Only)

Fuel System

- · Fuel Lockoff Solenoid
- Secondary Fuel Regulator
- Flexible Fuel Lines
- Fuel Line NPT Connection
- Primary and Secondary Fuel Shutoff

Cooling System

- · Closed Coolant Recovery System
- UV/Ozone Resistant Hoses
- · Factory-Installed Radiator

50/50 Ethylene Glycol Antifreeze

120VAC Coolant Heater

Electrical System

- · Battery Charging Alternator
- **Battery Cables**
- Battery Tray
- **Rubber-Booted Engine Electrical Connections**
- Solenoid Activated Starter Motor

ALTERNATOR SYSTEM

- GENprotect[™]
- **Fault Protection**
- 10A UL Float/Equalize Battery Charger
- Main Line Circuit Breaker
- Class H Insulation Material
- 2/3 Pitch
- Skewed Stator
- **Brushless Excitation**
- Sealed Bearing
- Amortisseur Winding
- Full Load Capacity Alternator

GENERATOR SET

GENERAC

- Internal Genset Vibration Isolation
- · Separation of Circuits-High/Low Voltage

INDUSTRIAL

- Separation of Circuits-Multiple Breakers
- Wrapped Exhaust Piping (Enclosed Only)
- · Standard Factory Testing
- 2 Year Limited Warranty
- Silencer Mounted in the Discharge Hood (Enclosed Only)

ENCLOSURE (If Selected)

- · Rust-Proof Fasteners with Nylon Washers to **Protect Finish**
- High Performance Sound-Absorbing Material (Sound Attenuation Enclosures)
- Gasketed Doors
- · Stamped Air-Intake Louvers
- Upward Facing Discharge Hoods (Radiator and Exhaust)
- Stainless Steel Lift Off Door Hinges
- Stainless Steel Lockable Handles
- RhinoCoat™ Textured Polyester Powder Coat Paint

CONFIGURABLE OPTIONS

ENCLOSURE

- Level 1 Sound Attenuation
- Steel Enclosure
- O Aluminum Enclosure
- Up to 200 MPH Wind Load Rating (Contact Factory for Availability)

CONTROL SYSTEM

- O Compliant 21-Light Remote Annunciator
- O Remote Relay Assembly (8 or 16)

CONTROL SYSTEM



Digital H Control Panel—Dual 4x20 Display

Program Functions

- · Programmable Crank Limiter
- 7-Day Programmable Exerciser
- Special Applications Programmable Logic Controller
- RS-232/485 Communications
- 3-Phase Sensing Digital Voltage Regulator
- 2-Wire Start Capability
- Date/Time Fault History (Event Log)
- · Isochronous Governor Control

- Waterproof/Sealed Connectors
- Audible Alarms and Shutdowns
- Not in Auto (Flashing Light)
- Auto/Off/Manual Switch
- · E-Stop (Red Mushroom-Type)
- NFPA110 Level I and II (Programmable)
- Customizable Alarms, Warnings, and Events
- Modbus® Protocol
- Predictive Maintenance Algorithm
- Sealed Boards
- Password Parameter Adjustment Protection
- Single Point Ground
- 16 Channel Remote Trending
- 0.2 msec High Speed Remote Trending
- Alarm Information Automatically Annunciated on the Display

Full System Status Display

- Power Output (kW)
- Power Factor
- kW Hours, Total, and Last Run
- Real/Reactive/Apparent Power
- All Phase AC Voltage

- All Phase Currents
- Coolant Temperature
- Coolant Level Engine Speed

Oil Pressure

- Battery Voltage
- Frequency

Alarms and Warnings

- Oil Pressure
- Coolant Temperature
- Coolant Level
- · Low Fuel Pressure Alarm
- Engine Overspeed
- · Battery Voltage
- Alarms and Warnings Time and Date Stamped
- Snap Shots of Key Operation Parameters During Alarms and Warnings
- Alarms and Warnings Spelled Out (No Alarm Codes)

QT025A | 2.4L | 25 kW

INDUSTRIAL GASEOUS GENERATOR SET

EPA Certified Stationary Emergency

GENERAC* INDUSTRIAL POWER

APPLICATION AND ENGINEERING DATA

ENGINE SPECIFICATIONS

General

Make	Generac
EPA Emissions Compliance	Stationary Emergency
EPA Emissions Engine Reference	See Emissions Data Sheet
Cylinder #	4
Туре	In-Line
Displacement - in ³ (L)	146.4 (2.4)
Bore - in (mm)	3.41 (86.61)
Stroke - in (mm)	3.94 (100.08)
Compression Ratio	9.5:1
Intake Air Method	Naturally Aspirated
Number of Main Bearings	5
Connecting Rods	Forged Steel
Cylinder Head	Aluminum
Cylinder Liners	No
Ignition	High Energy
Piston Type	Aluminum Alloy
Crankshaft Type	Cast Steel
Lifter Type	Overhead Cam
Intake Valve Material	Steel Alloy
Exhaust Valve Material	Hardened Steel
Hardened Valve Seats	Yes

Engine Governing

Governor	Electronic
Frequency Regulation (Steady State)	±0.25%

Lubrication System

Oil Pump Type	Gear
Oil Filter Type	Full-Flow Spin-On Cartridge
Crankcase Capacity - qt (L)	4 (3.8)

Cooling System

Cooling System Type	Pressurized Closed Recovery
Fan Type	Pusher
Fan Speed - rpm	1,980
Fan Diameter - in (mm)	18 (457)

Fuel System

Fuel Type	Natural Gas, Propane Vapor
Carburetor	Down Draft
Secondary Fuel Regulator	Standard
Fuel Shut Off Solenoid	Standard
Operating Fuel Pressure - in H _o O (kPa)	5 - 14 (1 2 - 3 5)

Engine Electrical System

System Voltage	12 VDC
Battery Charger Alternator	Standard
Battery Size	See Battery Index 0161970SBY
Battery Voltage	12 VDC
Ground Polarity	Negative

ALTERNATOR SPECIFICATIONS

Standard Model	Generac 390 mm
Poles	4
Field Type	Revolving
Insulation Class - Rotor	Н
Insulation Class - Stator	Н
Total Harmonic Distortion	<5% (3-Phase)
Telephone Interference Factor (TIF)	<50
Standard Excitation	Synchronous Brushless

Bearings	Sealed Ball
Coupling	Flexible Disc
Load Capacity - Standby	100%
Prototype Short Circuit Test	Yes
Voltage Regulator Type	Full Digital
Number of Sensed Phases	All
Regulation Accuracy (Steady State)	±0.25%

QT025A | 2.4L | 25 kW

INDUSTRIAL GASEOUS GENERATOR SET

EPA Certified Stationary Emergency



OPERATING DATA

POWER RATINGS—Natural Gas/Propane Vapor

	Standby			
Single-Phase 120/240 VAC @1.0pf	25 kW	Amps: 104		
Three-Phase 120/208 VAC @0.8pf	25 kW	Amps: 87		
Three-Phase 120/240 VAC @0.8pf	25 kW	Amps: 75		
Three-Phase 277/480 VAC @0.8pf	25 kW	Amps: 38		

STARTING CAPABILITIES (sKVA)

sKVA vs. Voltage Dip

277/480 VAC							208	/240 VAC							
Alternator	kW	10%	15%	20%	25%	30%	35%	Alternator	kW	10%	15%	20%	25%	30%	35%
Standard	25	16	25	33	41	49	57	Standard	25	12	19	25	31	37	43

FUEL CONSUMPTION RATES*

Natural Gas – ft³/hr (m³/hr) Propane Vapor - ft³/hr (m³/hr)

Percent Load	Standby	Percent Load	Standby
25%	140 (3.9)	25%	56 (1.6)
50%	220 (6.2)	50%	87 (2.5)
75%	300 (8.5)	75%	119 (3.4)
100%	380 (10.8)	100%	151 (4.3)

^{*} Fuel supply installation must accommodate fuel consumption rates at 100% load.

COOLING

FNOINE

		Standby	
Air Flow (Inlet Air Combustion and Radiator)	ft ³ /min (m ³ /min)	1,500 (42.48)	
Coolant Flow	gal/min (l/min)	42 (160)	
Coolant System Capacity	gal (I)	2.5 (9.5)	
Heat Rejection to Coolant	BTU/hr (kPa)	95,000 (27.8)	
Maximum Operating Ambient Temperature	°F (°C)	122 (50)	
Maximum Operating Ambient Temperature (Before Derate)	See Bulletin No. 0199270SSD		
Maximum Radiator Backpressure	in H ₂ O (kPa)	0.5 (0.12)	

COMBUSTION AIR REQUIREMENTS

	Standby
ou at Datad Dawar afm (m3/min)	70 (2.0)

EVILATION

Flow at Rated Power cfm (m³/min) 70 (2.0)

ENGINE	EXHAUSI

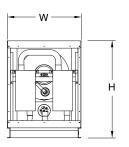
		Standby			Standby
Rated Engine Speed	rpm	1,800	Exhaust Flow (Rated Output)	cfm (m ³ /min)	220 (6.2)
Horsepower at Rated kW**	hp	40	Maximum Exhaust Backpressure	inHg (kPa)	1.5 (5.1)
Piston Speed	ft/min (m/min)	1,182 (360.3)	Exhaust Temp (Rated Output - Post Silencer)	°F (°C)	975 (524)
BMEP	psi (kPa)	120 (827)			

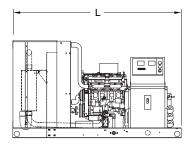
^{**} Refer to "Emissions Data Sheet" for maximum bHP for EPA and SCAQMD permitting purposes.

Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions. Please contact a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528, and DIN6271 standards. Standby - See Bulletin 0187500SSB



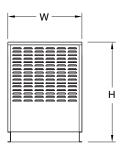
DIMENSIONS AND WEIGHTS*

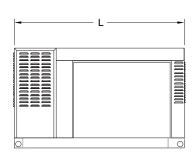




OPEN SET (Includes Exhaust Flex)

•	•	
L x W x H - in (mm)	77 (1,956) x 34 (864) x 43 (1,092)	
Weight - lbs (kg)	1,163 (528)	





LEVEL 1 ACOUSTIC ENCLOSURE

L x W x H - in (mm)	77 (1,956) x 34 (864) x 46 (1,168)
Weight - Ibs (kg)	1,414 (641)

* All measurements are approximate and for estimation purposes only.

YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER	

Specification characteristics may change without notice. Please contact a Generac Power Systems Industrial Dealer for detailed installation drawings.



H-100 CONTROL PANEL



DESCRIPTION

- · Digital controls for all safety shutdowns
- · Isochronous governor control
- · Digital 3ø sensing voltage regulator
- · Sealed Digital Circuit Board
- · 2 Amp static battery charger
- Mates with HTS transfer switch and any 2-wire start ATS
- · Alarm and event logging
- · Built-in diagnostics
- Internal PLC
- · Optional modem with dialout

STANDARD FEATURES

The Quiet-Test™ H-100 Control Panel is a digital microprocessor electronic controller that integrates all engine and transfer switch functions into a single control system.

- Two 4 line x 20 displays
- · Full system status
- 3 phase sensing digital voltage regulator
- · Remote ports
 - RS232
 - RS485
 - Canbus
- · Water proof connections
- All engine sensors are 4-20 ma for minimal interference
- Built in PLC

In addition, the generator set parameters can be manipulated and monitored without standing in front of the control panel with GenLink® software. The Generac H-100 control also monitors and controls transfer switch functions when used with the HTS Transfer Switch.

- · Monitors utility voltage
- · Monitors generator voltage
- Timer for line interrupt delay
- · Timer for engine warmup
- · Timer for minimum engine run time
- · Timer for return to utility position
- · Timer for engine cooldown
- Built in exerciser timer (7 day)
- Additional 2 wire start controls for any 2 wire transfer switch.

H-100 CONTROL PANEL

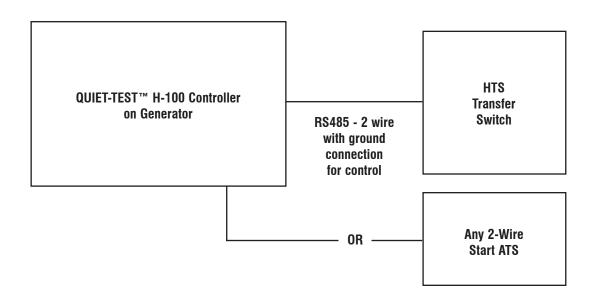
- Full range stand-by operation
- Full system status
 - 3 phase AC volts
 - 3 phase amps
 - kW
 - Power factor
 - Reactive power
 - Oil pressure
 - Water temperature
 - Water level
 - Oil temperature (optional)
 - Fuel pressure
 - Engine speed
 - Battery voltage
 - Alternator frequency
 - Time
 - Date
 - Transfer switch status
 - Run hours
 - Service reminders
 - Trending
 - Fault history (alarm log)
 - I2t function for full generator protection
 - Built in PLC for special applications

- Shutdowns
 - Overvoltage
 - Overspeed
 - Low oil pressure
 - High coolant temperature
 - Low coolant level
- · Remote communication
 - RS232
 - Optional modem
 - Canbus
- · Configurable to NFPA 110, level 1 or 2
- · Programmable auto crank
- · Emergency Stop
- · On Off Manual Switch
- Not in Auto flashing light
- · Audible alarm for fault condition
- · Transfer switch logic communicates with HTS transfer switch

GENERAC

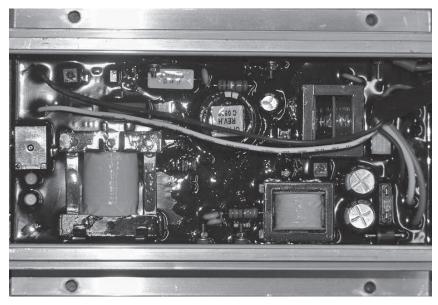
- · Weekly exerciser (programmable)
- · Selectable Low speed exercise
- Digital voltage regulator with 3 phase sensing (3 phase units)
- · Isochronous governor
- · Waterproof electrical connectors
- Temperature Range -40° to 70° C

TYPICAL CONTROL CONNECTION





BATTERY CHARGER 2.5A & 10A H-Panel



Battery Charger shown from inside of Control Panel Enclosure. Connections are made via an attached harness.

Specifications	2.5 Amp	10 Amp
Nominal Input	120 VAC	120 VAC
Operating AC Line Voltage Range	108 to 132 Volts AC	108 to 132 Volts AC
Input AC Line Frequency	50/60 Hz	50/60 Hz
Battery Fuse	N/A	15 Amps
Nominal Charge Rate	2.5 Amps	10 Amps
Equalize Voltage		13.8/27.6 Volts
Float Voltage	13.4	13.0/26.0
Current @ Equalize to Float Transition		5 Amps
Battery Under-voltage shutdown	N/A	11/22 Volts
LED Indicators		
AC Line Voltage	N/A	Green LED
Battery Connected and Charging	N/A	Yellow LED
Battery Current Drain	30 milliamp	30 milliamp
AC Line Connection	Connector Plug	Connector Plug
Battery Connection	Connector Plug	Connector Plug
Control Connection		AC Power Fail Relay
		Form C 2 Amp Rating
CUL Recognized	Yes	Yes
NFPA110 Compliant	No	Yes

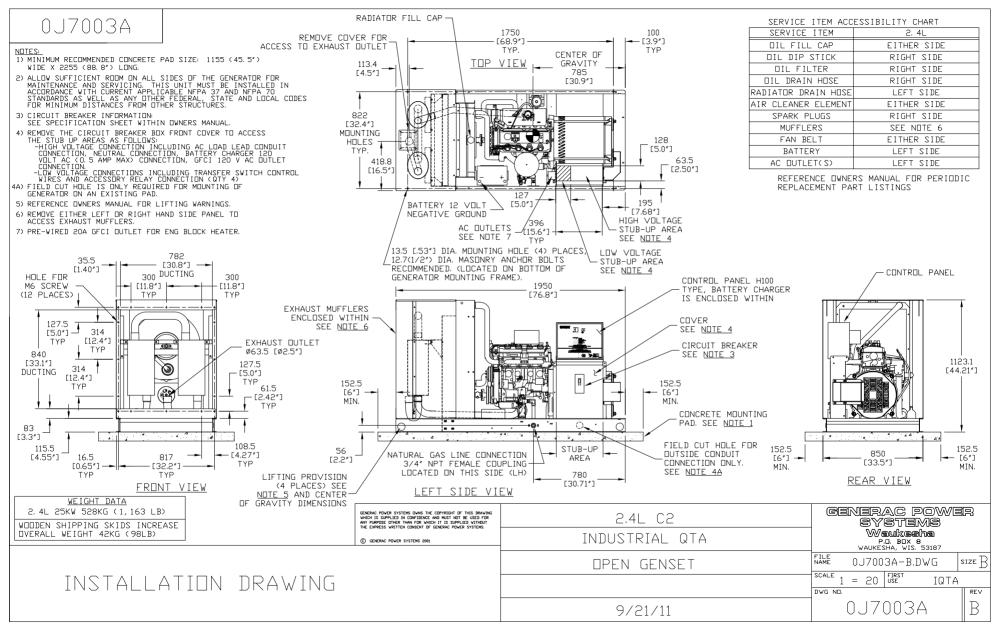
The Generac 2.5A 12 volt and 10A 12/24 volt battery chargers are designed to work with the H and PM-DCP control panels to provide the ultimate in automatic battery voltage maintenance.

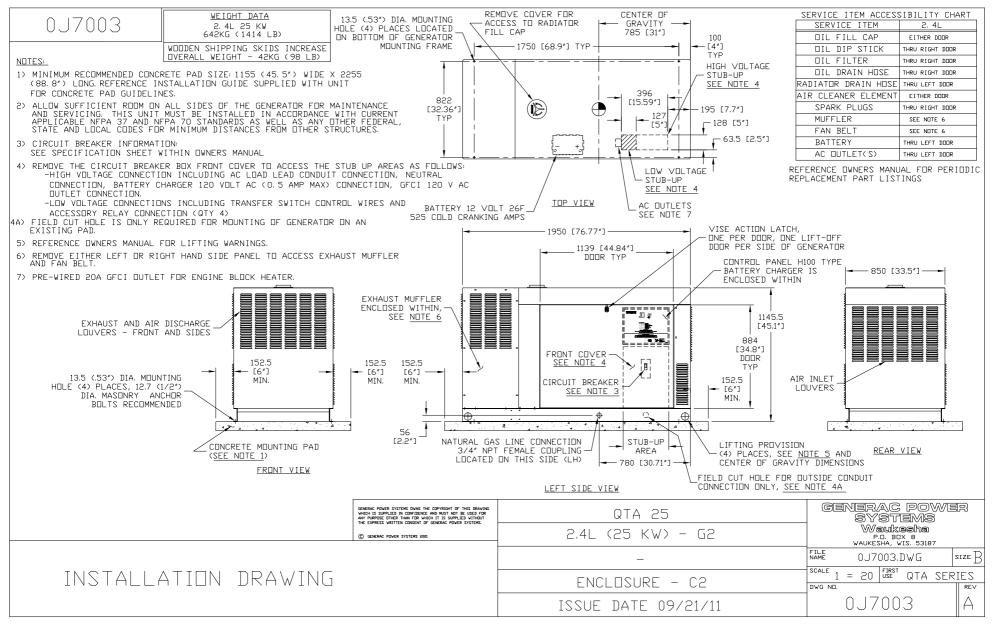
The 2.5 amp charger is self-regulating and produces instantaneous output current adjustments to keep the battery charged to an optimum level. Battery voltage is read on the control panel digital display.

The 10 amp charger has automatic float and equalize control. It precisely monitors the battery's voltage and automatically activates the correct charging mode. The charge rate is limited and controlled to efficiently and safely maintain ideal battery levels under varying conditions.

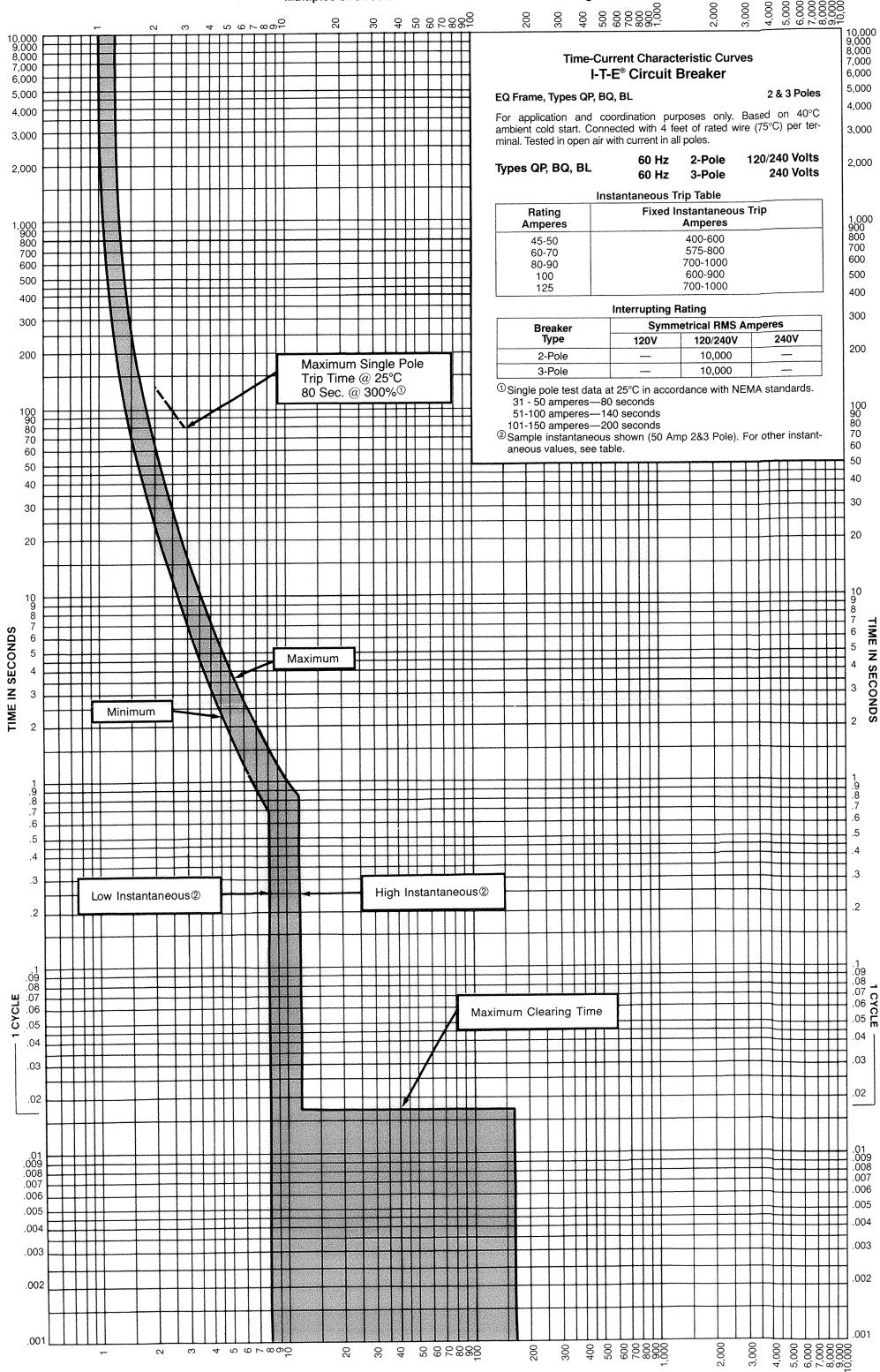
The equalize system uses a control circuit to limit charging current to 10 amps. When battery voltage drops below a preset level, charging current increases to 5 amps and then to the 10 amp charge rate if needed. When the battery reaches maximum charge, the charger switches to float mode to supply just enough current to maintain the battery at or above 13/26 volts. Battery voltage and charging current are read at the control panel digital display.



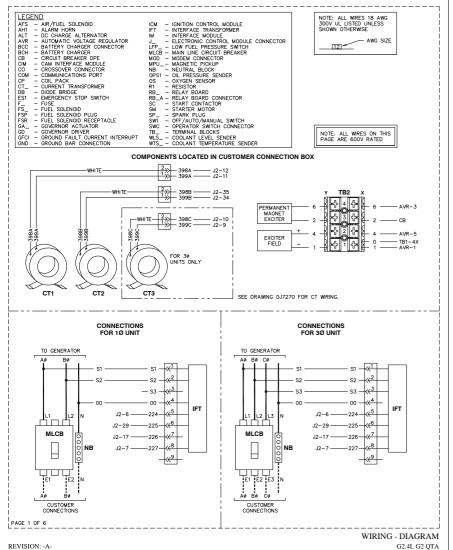




I-T-E® Molded Case Circuit Breakers Multiples of Circuit Breaker Continuous Current Rating



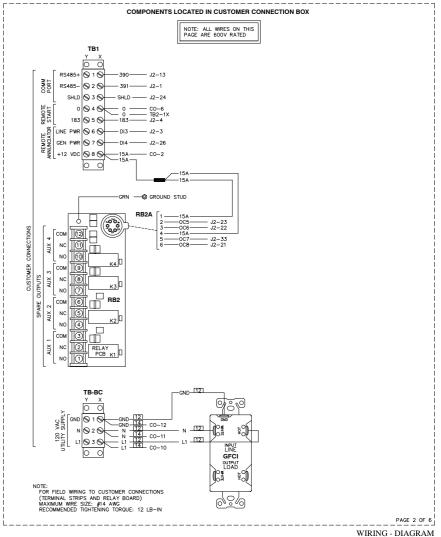
GROUP G



PAGE 1 OF 6

DATE: 9/23/11

GROUP G



REVISION: -A-

DATE: 9/23/11

G2.4L G2 QTA DRAWING #: 0J7177

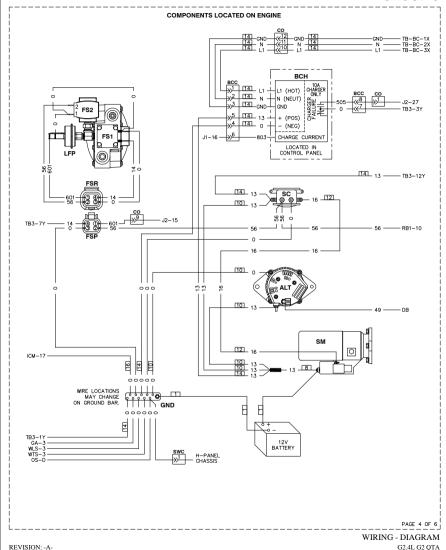
PAGE 2 OF 6

DRAWING #: 0J7177

GROUP G COMPONENTS LOCATED IN CONTROL PANEL COM J2-14 — J2-2 — J2-25 — -- 387--- 388--- 389-J1-26 -- 4 ----- TB2-2X -403------ J2-8 -404------ J2-20 AVR J1-23 --56A-6 -256-5 -15-4 — TB2−3X J1-34 --445-- 2 -15B — 1 4 Bi ≫ AH1 | 229-ES1 0 16 J1-12 J1-10 - 13 16 13 F1 15A 15A 16 15B 16 J1-35 F2 -15C 16 ICM-16 F3 10A F4 PAGE 3 OF 6 WIRING - DIAGRAM REVISION: -A-G2.4L G2 QTA DATE: 9/23/11 PAGE 3 OF 6 DRAWING #: 0J7177

GROUP G

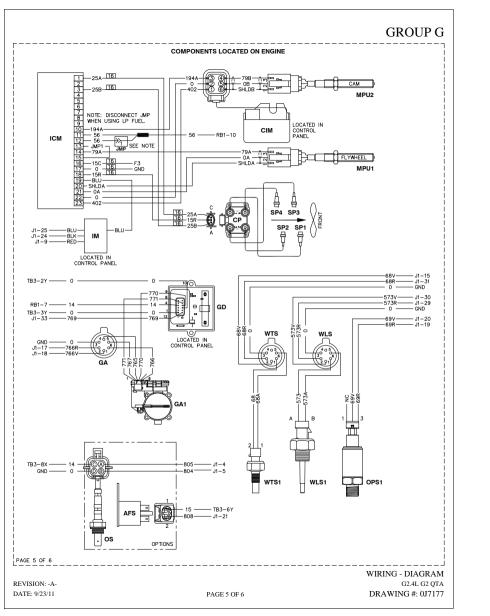
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G2.4L G2 QTA

PAGE 4 OF 6

DATE: 9/23/11

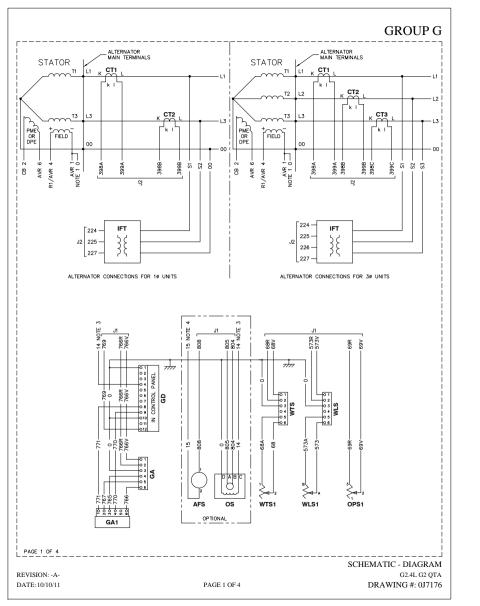


GROUP G PAGE LEFT BLANK INTENTIONALLY PAGE 6 OF 6 WIRING - DIAGRAM G2.4L G2 QTA REVISION: -A-

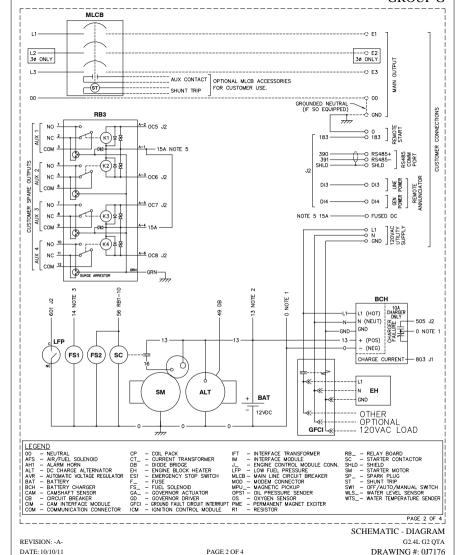
PAGE 6 OF 6

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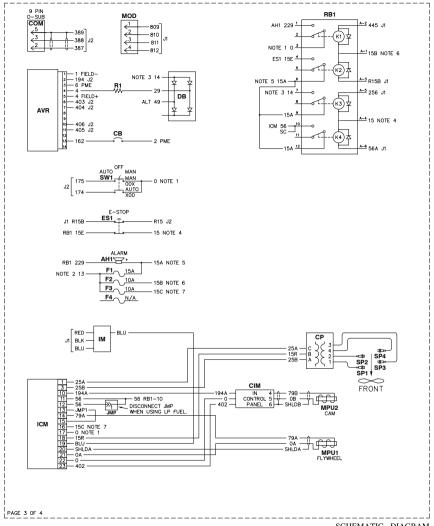
DATE: 9/23/11



GROUP G



GROUP G



PAGE 3 OF 4

REVISION: -A-

DATE: 10/10/11

SCHEMATIC - DIAGRAM

G2.4L G2 QTA DRAWING #: 0J7176

GROUP G

GD CONNECTOR WRE FUNCTION

1	0	GND	NOTE 1
4	14	RB1-7	NOTE 3
8	771	GA-1	THROTTLE DRIVE LO
9	770	GA-4	THROTTLE DRIVE HI
10	0	GND	NOTE 1
12	769	J1-33	THROTTLE PWM

AVR CONNECTOR

PIN	WIRE	то	FUNCTION
1	1	FIELD	- FIELD
2	194	J2-31	+12VDC
3	6	PME	PME OUTPUT
4	4	R1	+ FIELD
5	4	FIELD	+ FIELD
6	403	J2-8	GATE TRIGGER B
7	404	J2-20	GATE TRIGGER A
10	406	J2-30	ZERO CROSSING I/P
11	405	J2-19	ISOLATED GROUND
13	162	CB	PME OUTPUT (AFTER CB)

ICN	CONNE	CTOR	
PIN	WIRE	TO	FUNCTION
1	25A	CP-C	IGNITION COIL DRIVE A
3	25B	CP-A	IGNITION COIL DRIVE B
10	194A	CIM-3	CIM POWER
11	56	RB1-10	STARTER RELAY OUT
12	56	JMP-1	STARTER RELAY OUT (# SEE NOTE)
13	JMP1	ICM-15	2.4L ENGINE SEL RETURN
14	79A	MPU1-3	FLYWHEEL SENSOR +
15	JMP1	ICM-13	2.4L ENGINE SELECT
16	15C	F3	NOTE 7
17	0	GND	NOTE 1
18	15R	CP-B	IGNITION COIL PWR
19	BLU	IM.	FLYWHEEL SIGNAL OUT
20	SHLDA	MPU1-1	FLYWHEEL SENSOR DRAIN
21	OA.	MPU1-2	FLYWHEEL SENSOR -
22	0	CIM-2	CIM PWR RETURN
23	402	CIM-1	CAM SIGNAL
#NO	TE: DISCO	NNECT JMP WH	EN USING LP FUEL.

ENGINE CONTROL MODULE CONNECTIONS

J1			
PIN	WIRE	TO	FUNCTION
3	810	MOD-2	MODEM SIGNAL RETURN
4	805	OS-A	OXYGEN SENSOR RTN (OPTION)
5	804	OS-B	OXYGEN SENSOR + (OPTION)
9	RED	IM	+12VDC
10	R15B	RB1A-3/ES1	OVERSPEED/WATCHDOG
11	256	RB1A-5	FUEL RELAY
12	0	GND	NOTE 1
14	811	MOD-3	MODEM DATA CARRIER DETECT
15	68V	WTS-1	COOLANT TEMPERATURE +
16	803	BCH	BATTERY CHARGER CURRENT
17	766R	GA-2	THROTTLE POSITION RTN
18	766V	GA-1	THROTTLE POSITION +
19	69R	0PS1-3	OIL PRESSURE RTN
20	69V	0PS1-2	OIL PRESSURE +
21	808	AFS-1	AIR/FUEL SOLENOID (OPTION)
23	56A	RB1A-6	STARTER RELAY
24	BLK	IM	MPU1 SIGNAL (-)
25	BLU	IM	MPU1 SIGNAL (+)
26	812	MOD-4	MODEM ENABLE
29	573R	WLS-2	COOLANT LEVEL RTN
30	573V	WLS-1	COOLANT LEVEL +
31	68R	WTS-2	COOLANT TEMPERATURE RTN
32	809	MOD-1	MODEM 12V POWER
33	769	GD-12	THROTTLE PWM
34	445	RB1A-2	ALARM RELAY
35	15B	F2	NOTE 6

NOTES

- WIRE# 0 IS CHASSIS GROUND (BATTERY-)
 UNLESS NOTED OTHERWISE.
- 2) WIRE# 13 IS UNFUSED +12VDC (BATTERY+). 3) WIRE# 14 IS FUSED +12VDC WHEN
- GENERATOR IS CRANKING OR RUNNING. 4) WIRE# 15 IS FUSED +12VDC WHEN
- E-STOP IS NOT ACTIVATED. 5) WIRE# 15A IS FUSED +12VDC FOR GENERAL USE.
- WIRE# 15B IS FUSED +12VDC FOR THE ENGINE CONTROL MODULE.
- 7) WIRE# 15C IS FUSED +12VDC FOR THE IGNITION.

J2				
	PIN	WIRE	TO	FUNCTION
- 1	1	391	CUST CON	RS485-
- 1	2	388	COM-3	RS232 TX (GENLINK)
1	3	DI3	CUST CON	LINE POWER SIGNAL
- 1	4	183	CUST CON	REMOTE START
1	5	174	SW1	"AUTO" START
1	6	224	IFT	VOLTAGE SENSE GEN AØ
	7	227	IFT	VOLTAGE SENSE RTN
	8	403	AVR-6	AVR GATE TRIGGER B
*	9	399C	CT3	GEN CØ CURRENT -
٠.	10	398C	CT3	GEN CØ CURRENT +
	11	399A	CT1	GEN AØ CURRENT -
	12	398A	CT1	GEN AØ CURRENT +
	13	390	CUST CON	RS485+
	14	387	COM-2	RS232 RX (GENLINK)
	15	601	LFP	LOW FUEL PRESSURE
	16	R15	ES1	EMERGENCY STOP
٠	17	226	IFT	VOLTAGE SENSE GEN CØ
	19	405	AVR-11	AVR GROUND
	20	404	AVR-7	AVR GATE TRIGGER A
	21	008	RB3A-6	SPARE OUTPUT 4
	22	006	RB3A-3	SPARE OUTPUT 2
	23	005	RB3A-2	SPARE OUTPUT 1
	24	SHLD	CUST CON	RS485 DRAIN
	25	389	COM-5	RS232 COM (GENLINK)
-	26	DI4	CUST CON	GENERATOR POWER SIGNAL
- 1	27	505	BCH	BATTERY CHARGER FAIL
- 1	28	175	SW1	"MANUAL" START
-	29	225	IFT	VOLTAGE SENSE GEN BØ
-	30	406	AVR-10	AVR ZERO CROSSING I/P
-	31	194	AVR-2	AVR +12VDC
-	33	OC7	RB3A-5	SPARE OUTPUT 3
-	34	399B	CT2	GEN BØ CURRENT-
	35	398B	CT2	GEN BØ CURRENT+

* - CONNECTIONS NOT USED IN 1¢ UNITS.

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SCHEMATIC - DIAGRAM

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G2.4L G2 QTA DRAWING #: 0J7176



COOLANT HEATER OPTION 1500 WATT, 120VAC

SPECIFICATIONS:

VOLTAGE: 120VAC HEAT POWER: 1500W

FIXED THERMOSTAT: 100°-120°F **HEATING ELEMENT: INCOLOY 800**

MAXIMUM PRESSURE: 90 PSI (620 kPa)

PLUG NEMA STD: 5-15P





