



ALTURDYNE

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EI Cajon, CA 92020
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CUSTOMER: _____

SITE: _____

DATE: _____
CONTACT: _____
TEL: _____
FAX: _____
EMAIL: _____

Alturdyne Model No. _____ **Standby / Prime** _____ **kW Generator Set**

ENGINE: Mfr: _____
Model: _____
4-Cycle, _____-Cylinder
_____ Inline
_____ Vee
_____ Naturally Aspirated
_____ Turbocharged
_____ Aftercooled

GENERATOR: Mfr: _____
Model: _____
Brushless _____ RPM, _____ °C Rise, _____ Class Ins
_____ Volts, _____ Phase, _____ Wire

VOLTAGE REGULATOR: Solid State, ± 1% Regulation, _____ Phase Sensing

GOVERNOR: Electronic, Isochronous

FUEL: _____ Diesel _____ Natural Gas _____ Propane

In conformance with specifications: _____

ENGINE GENERATOR SET (SKID MOUNTED)

- electric starter, 12 VDC or 24 VDC
- battery charging engine driven alternator
- _____ exhaust muffler and flex
- output circuit breaker _____ amps
- radiator with blower fan, _____ °F
- dry air filter, lube oil filter, fuel filter
- control/start battery, maintenance free
- elastomeric pads
- jacket water heater, 120 VAC, single phase
- operation and maintenance manuals (2)
- one year warranty period on parts
- spares consisting of belts, filters, lamps, fuses (standard)
- domestic packed or _____

LOCAL CONTROL PANEL (NEMA 1) - STANDARD

- AC ammeter
- frequency meter
- voltmeter/ammeter selector switch
- run time meter
- voltage adjust rheostat
- lamp test/alarm reset button
- AC voltmeter
- main circuit breaker open/closed indicator lights
- operation selector switch (manual-off-auto)
- lube oil pressure gauge, water temperature gauge
- panel lights
- complete AC/DC circuit protection

Standard indicators for MAJOR alarm (safety shutdown) including remote dry contacts (N.O., 3 amp capacity) for the following:

- overcrank (OC) (crank failure)
- high water temperature (HWT)
- low oil pressure (LOP)
- overspeed/underspeed (OS/US)

Standard indicators for MINOR alarm (non-shutdown) including remote dry contacts for the following:

- battery charger fail

CUSTOMER CONNECTION POINTS (REMOTE) - STANDARD

- remote start/stop
- remote emergency stop
- engine run indication
- rectifier failure
- battery charger/coolant heater (input 120 VAC, 1 phase)
- major malfunction
- minor malfunction

OPTIONAL FEATURES AVAILABLE (listed numerically by Option Number)

List No.		List No.		List No.	
101	kilowatt meter	118-1	remote status panel	130-1	muffler insulation
102	outside duct	118-2	remote status panel w/emerg stop	130-2	manifold insulation
103	acoustic outside duct	118-3	remote status panel w/emerg start/stop	130-3	rain cap
104	wall louvers (fixed blade)			131	24 VDC start/control
105	dampers (backdraft gravity)	119-1	main CB auxiliary contact	134-1	radiator duct flange
106	motorized int/exh dampers	119-2	main CB motor operator	134-2	radiator duct
107	remote emergency stop pushbutton	120	audible alarm e/w ACO major malfunction	134-3	radiator duct flex
108-1	high lift (18') fuel transfer pump			134-4	special hoses, 2 drains
108-2	hand priming pump system _____	121	digital meters, LED/set of 4	135	start pilot relay system
109-1	manual load bank (duct-mtd) ___kW	122	multi-crank cycle	136	remote radiator system
109-2	multi-stage load bank ___x___kW (auto-manual-off)(duct mounted)	123	parallel kit (kvar-syn-RPM)	141	battery charger, auto rate, alarms
110-1	base tank, weight bearing ___ gal	124	nicad batteries (free-stdg)		voltmeter, ammeter, ___ amps
110-2	remote day tank w/alarms ___ gal	126	mechanical governor (deduct)	142	extended lube oil reserve, 72 hrs
110-3	double wall base tank w/alarms ___ gal	127-1	fire detection system	143	heat exchanger (in lieu of radiator)
		127-2	fire detection/suppression system	144	heat recovery exhaust silencer
110-4	double wall remote tank w/alarms ___ gal	128	installation wall plate, less frame	145	gas fuel system (NG/LPG)
		129-1	enclosure, indoor, acoustic	146	ground fault protection relay
110-5	Veeder-Root stand pipe	129-2	enclosure, outdoor	147	differential fault relay
111	lube oil heater (300 watt)	129-3	enclosure, outdoor, acoustic	148	breather vent & collector bottle
112	battery heater pad (50 watt)	129-4	enclosure, bay window, acoustic	149	voltage regulator, 3 Ø sensing
113-1	fuel/water separator (unit mtd)	129-5	enclosure, dual bay window, acoustic	150	special generator
113-2	fuel water alarm	129-6	4th wall, bay window	151-1	permanent magnetic exciter (PMG)
115	outdoor walk-in module	129-7	enclosure fire door	151-2	generator space heater
116	springs, isolation	129-8	specific paint (other than Alturdyne's standard polar gray)	152	metering transducer(s) for remote monitoring
117	auto transfer switch, ___ amps			153	start smoke limiter
				154	RS232 port

OPTIONAL - MAJOR (SHUTDOWN) ALARM INDICATORS

202	overvoltage (individual)	206	overcurrent (relay sensed)	211	individual dry contact for any major or minor malfunction or unit status indication
203	undervoltage (individual)	208	emergency stop (indicator)		
204	over/undervoltage (combined)	209	overload (main breaker trip)	212	smart controls for remote operation
205	high oil temperature	210	reverse power relay		

OPTIONAL - MINOR (NON-SHUTDOWN) ALARM INDICATORS

301	low water temperature	305-1	switch-off-normal (off only)	308	pre-low oil pressure caution
302-1	low fuel level	305-2	switch-off-normal (manual only)	309	auxiliary relays special
302-2	fuel tank rupture	305-3	switch-off-normal (combined)	310	heater fail (oil, battery)
303	AC fail to battery charger	306	alarm cutoff indicator	311	low oil level
304	glow plug failure	307	pre-high water temperature	312	fire/smoke detector

OPTIONAL - STATUS INDICATORS

401	auto standby proper operation	403	commercial power fail	407	xdcr & remote term board for remote instrument panel remote
402		404	commercial power return	408	

ALTURDYNE

Corporate Office

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Massachusetts, Michigan, New York, Orlando,

San Francisco, St Louis, Washington DC

