



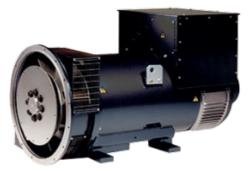




Industrial Volvo Engine



Cummins Industrial Genend,



SPECIFICATIONS

ELECTRICAL

	STANDBY		PRIME			0		
VOLTS	POWER FACTOR	WATTS	KVA	AMPS	WATTS	KVA	AMPS	CIRCUIT BREAKER
120/208 3-PH	0.8	400,000	500	1,388	360,000	288	1,250	1300
120/240 3-PH	0.8	400,000	500	1,201	360,000	288	1,081	1200
277/480 3-PH	0.8	400,000	500	601	360,000	288	541	600
346/600 3-PH	0.8	400,000	500	481	360,000	288	433	600

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ENGINE

ENGINE	
ENGINE BRAND	Volvo
ENGINE MODEL	TAD1353GE
TIER	111
ENGINE STARTER	24V ELECTRIC
ENGINE SPEED	1800 RPM
ENGINE CYLINDERS	6
ENGINE HP	585
FREQUENCY	60 HZ
ALTERNATOR	80 AMPS 24V
FLYWHEEL	14″
ROTATION	CCW
ASPIRATION	TURBOCHARGED
COOLANT	6 GAL
BORE/STROKE	131 mm x 158 mm
DISPLACEMENT	12.78L
RECOMMENDED OIL ⁽¹⁾	5W-40 SAE
OIL CAPACITY	9.5 GAL
INJECTION PUMP	ELECTRIC INJECTORS
GOVERNOR	ISOCHRONUS
COMPRESSION RATIO	18.1:1
FAN TYPE	PUSHER
INTAKE AIR CONSUMPTION	1102 CFM
RADIATOR COOLING AIR	
EXHAUST FLOW	2790 CFM
EXHAUST OUTLET SIZE	5″
STARTING TEMP W/BLOCK HEATER	-13° F

NOTES: (1) The recommended oil is for normal applications. See operator's manual for the recommended oil for your needs.

BLOCK HEATER

VOLTS	120
WATTS	3,000
AMPS	25
THERMOSTAT	
ON	100° F
OFF	120° F

DR400

MOTOR STARTING (CODE G)	266 HP
TOTAL HARMONIC DISTORTION	< 5%
DBA @ 7 METERS	73
FLOATING NEUTRAL	YES
FORK LIFT POCKETS	NO
ASSEMBLED IN	USA
EPA APPROVED	TIER III (STANDBY)
CARB APPROVED	TIER III (STANDBY)
TÜV CERTIFICATION	UL2200 CSA
UNIT WARRANTY ⁽¹⁾	
STANDBY	2 YEAR/2000 HRS

NOTES: (1) For more generator warranty, see operator's manual.

GENERATOR END

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WINDING	12 LEAD
WINDING NUMBER 208/240/480V 600V	311 17
VOLTAGE REGULATION	AVR +/- 1%
AVR TYPE	MX341
PMG	STANDARD
TEMPERATURE RISE	125/40° C
BRUSHLESS	YES
SPEED	1800 RPM
ROTOR	2/3 PITCH
WINDINGS	100% COPPER
STATOR WINDING	DOUBLE LAYER LAP
COUPLING	DIRECT/FLEXIBLE DISC
BEARINGS	SINGLE (MAINTENANCE FREE)
EFFICIENCY PEAK	93.6
INSULATION	CLASS H
INGRESS PROTECTION	IP23

SPECIFICATIONS

DERATES

ABOVE SEA LEVEL 3200 FT - 6500 FT >6500 FT

1.25% EVERY 1,500 FT 7.5% EVERY 1,600 FT

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MAX OPERATING TEMPERATURE 122°F W/O TEMPERATURE DERATE

FUEL

TYPE	ASTM D975 NO-2D DIESEL
FUEL CONSUMPTION	GAL/HR
100%	29.1
75%	22.3
50%	15.3
25%	8.5
OPTIONAL FUEL TANK	L x W x H
1000 GAL - OPEN SKID	138 x 78 x 34
1340 GAL - HOUSED	236 x 78 x 24
3000 GAL - HOUSED	330 x 78 x 36

BATTERY

	0
DC SYSTEM	24V
BATTERY RACK/CABLE	INCLUDED
BATTERY CHARGER	8 AMP
REQUIRED BATTERIES ⁽¹⁾	GROUP 4D 1200 CCA

NOTES: (1) 2 batteries are required. Batteries are not included.

DIMENSIONS

DIMENSIONS (L x W x H) HOUSED NARROW SKID	236″ x 78″ x 99″ 126″ x 48″ x 72″
WEIGHT OPEN HOUSED	8,950 LBS 11,500 LBS
FREIGHT CLASS	70
NOTES: Shipping dimonsions are for an opclosed unit	

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NOTES: Shipping dimensions are for an enclosed unit.

OPTIONAL ACCESSORIES

BATTERY	
BATTERY HEATER	
RECEPTACLE PANEL	
MIMIC PANEL	
REMOTE MONITORING	
NFPA 110 LEVEL 1 UPGRADE	

DSE 7310 CONTROLLER

ENGINE DISPLAY/PROTECTION

,	
ENGINE RPM	YES
LOW OIL PRESSURE	YES
HIGH COOLANT TEMP	YES
LOW COOLANT	YES
OVER/UNDER SPEED	YES
OVER CRANK	YES
CAN ECU SHUTDOWN	YES
ENGINE MAINTENANCE CODES	YES
GENSET DISPLAY/PROTECTION	
VOLTAGE (L-N & L-L)	YES
OVER/UNDER VOLTAGE	YES
FREQUENCY	YES
OVER/UNDER FREQUENCY	YES
AMP DISPLAY/SHUTDOWN	YES
PHASE IMBALANCE	FIELD ENABLED
KW, KVA, KVARH DISPLAY	YES
KWH, KVAH, KVARH DISPLAY	YES
GENERATOR PHASE SEQUENCE	OPTIONAL

ADDITIONAL DISPLAYS/PROTE	CTIONS
EXTERNAL E-STOP	FIELD INSTALLED
BATTERY VOLTAGE	YES
BATTERY OVER/UNDER VOLTAGE	YES
COMMUNICATIONS	
USB CONNECTABLE	YES
RS232/RS485	YES
REMOTE DISPLAY PANEL	OPTIONAL
DSE WEB NET	OPTIONAL
ADDITIONAL FEATURES	
AUDIBLE ALARM	YES
ENGINE EXERCISER	DISABLED
MAINTENANCE INTERVAL TIMER	DISABLED
LOAD SHEDDING/DUMMY	DISABLED
CONFIGURABLE INPUTS	4 (EXPANDABLE)
CONFIGURABLE OUTPUTS	4 (EXPANDABLE)
EVENT LOG	250

Specifications are subject to change without notice.