

WINCO[®] GENERATORS



An American Company

We produce our products in our 200,000 ft² facility located in Le Center, Minnesota, equipped with modern engineering, fabrication and assembly capabilities.



Brushless Industrial Genend

With automatic voltage regulation

Switchable Voltage

Two-position, 208V & 480V, selector switch with e-stop

Receptacle Package

Full distribution package, including receptacles, terminal block and cam lock outputs

Fork Pockets

Convenient fork pockets integrated into the frame

Loading Features

The engine is outfitted with an electronic exhaust flap actuator. These features load the engine and keep the operating temperatures in optimal ranges over a wide variety of ambient temperatures and load conditions.

Solar Battery Charger

Keeps your start battery charged without needing an extension cord

RP415

365,000 WATTS

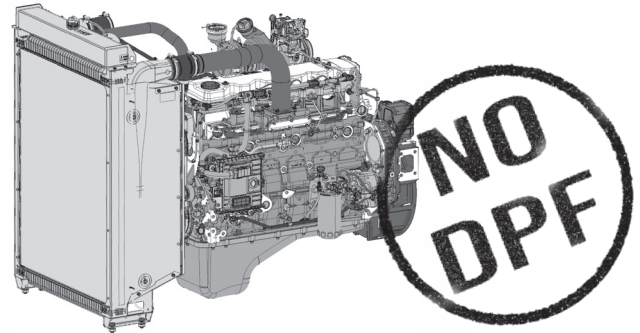
REDI POWER

Rugged Design.



FPT Tier IV SCR Engine

Clean diesel technology with SCR only and no diesel particle filter allowing passive regens



Cummins Industrial Genend.



SPECIFICATIONS

ELECTRICAL

VOLTS	POWER FACTOR	STANDBY			PRIME			CB
		WATTS	KVA	AMPS	WATTS	KVA	AMPS	
120/208 3-PH	0.8	370,000	462	1,284	333,000	416	1,156	1,200 A
120/240 3-PH	0.8	370,000	462	1,111	333,000	416	1,000	1,000 A
277/480 3-PH	0.8	370,000	462	556	333,000	416	500	500 A
346/600 3-PH	0.8	370,000	462	445	333,000	416	400	480 A

ENGINE

ENGINE BRAND	FPT
ENGINE MODEL	C13ENTZW69
TIER	IV FINAL
ENGINE STARTER	24V ELECTRIC
ENGINE SPEED	1800 RPM
ENGINE CYLINDERS	6
ENGINE HP	568
FREQUENCY	60 HZ
ALTERNATOR	120A
SAE	1
FLYWHEEL	14"
ROTATION	CCW
ASPIRATION/COOLING	TURBOCHARGED
COOLANT	12.7 GAL
BORE/STROKE	135 mm x 150 mm
DISPLACEMENT/TYPE	12.8 L
LOW OIL PROTECTION	STANDARD
RECOMMENDED OIL ⁽²⁾	5W-40 SAE
OIL CAPACITY	8.5 GAL
INJECTION PUMP	BOSCH
GOVERNOR	ELECTRONIC
COMPRESSION RATIO	16.5:1
FAN TYPE	PUSHER
INTAKE AIR CONSUMPTION	1,014 CFM
RADIATOR COOLING AIR	N/A
EXHAUST	1,029 CFM
EXHAUST OUTLET SIZE	8"
STARTING AIDES	PTC 24V GRID HEATER
STARTING TEMP NATURAL W/ AIDES	14° F
STARTING TEMP W/BLOCK HEATER	-13° F

NOTES: (1) Steady state frequency regulation. (2) The recommended oil is for normal applications. See operator's manual for the recommended oil for your needs. (3) Battery not included.

RP415

MOTOR STARTING (CODE G)	260 HP
DBA @ 7 METERS	--
TOTAL HARMONIC DISTORTION	< 5%
MAIN CIRCUIT BREAKER	1200 AMP, 600V (SHUNT)
BONDED NEUTRAL	YES
120 VOLT RECEPTACLES	(2) NEMA 5-20 20A (GFCI)
120/240 VOLT RECEPTACLES	(2) C6369 50A
FORKLIFT POCKETS	STANDARD
ASSEMBLED IN	USA
REQUIRED BATTERY ⁽¹⁾	(2) GROUP 4D 1050CCA
BATTERY CHARGER	8 AMP GUEST SOLAR
EPA APPROVED	TIER IV FINAL
CARB APPROVED	TIER IV FINAL
TÜV CERTIFICATION	CSA
UNIT WARRANTY ⁽²⁾	1 YEAR/2,000 HOURS

NOTES: (1) Batteries not included. (2) For more generator warranty, see operator's manual.

GENERATOR END

WINDING 208/240/480V	12 LEAD
WINDING NUMBER	311
WINDING 600V	6 LEAD
WINDING NUMBER	17
VOLTAGE REGULATION	AVR +/- 1%
AVR TYPE	MX321
TEMPERATURE RISE	125/40°C
PMG	STANDARD
TYPE	REVOLVING FIELD
BRUSHLESS	YES
SPEED	1800 RPM
ROTOR	2/3 PITCH
WINDINGS	100% COPPER
STATOR WINDING	DOUBLE LAYER CONCENTRIC
BEARINGS	SINGLE (MAINTENANCE FREE)
EFFICIENCY PEAK	93.4
INSULATION	CLASS H
INGRESS PROTECTION	IP23



SPECIFICATIONS

DERATES

ABOVE SEA LEVEL 3280-9842 FT	3% PER 1640 FT
ABOVE 9,842 FT	6% PER 1640 FT
AMBIENT TEMPERATURE > 104°F	2% EVERY 9°F

FUEL

TYPE	ASTM D975 NO-2D DIESEL
FUEL TANK	500 GAL 110% CONTAINMENT
FULL LOAD RUN TIME ⁽¹⁾	20.5 HOURS
FUEL CONSUMPTION	GAL/HR
100%	24.4
75%	19.6
50%	13.7
25%	7.6
DEF TANK CAPACITY	135L
DEF CONSUMPTION	--

NOTES: (1) Run time is estimated.

BLOCK HEATER

VOLTS	120V
WATTS	2,500
AMPS	20
THERMOSTAT	
ON	80°F
OFF	100°F

DSE 7310 MKII 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

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	DISABLED
KW, KVA, KVARH DISPLAY	YES
KWH, KVAH, KVARH DISPLAY	YES
GENERATOR PHASE SEQUENCE	OPTIONAL

TRAILER

CAPACITY	18,000 LBS
TORFLEX AXLES	TRIPLE
STANDARD HITCH SIZE	3" PINTLE
HITCH HEIGHT	ADJUSTABLE
TIRES	15"
TIRE PRESSURE	65 PSI

OPTIONAL ACCESSORIES

50 AMP PLUG	CS6365C
TRAILER ACCESSORIES	SPARE TIRE TOOL BOX
BATTERY	(2) GROUP 4D 1050 CCA
DEDICATED VOLTAGE	
DSE8610	WITH PARALLELING CONTACTOR

SHIPPING

SHIPPING DIMENSIONS (L x W x H)	270" x 110" x 120"
SHIP WEIGHT	15,020 LBS
FREIGHT CLASS	85

ADDITIONAL DISPLAYS/PROTECTIONS

EXTERNAL E-STOP	YES
BATTERY VOLTAGE	YES
BATTERY OVER/UNDER VOLTAGE	YES

COMMUNICATIONS

USB CONNECTABLE	YES
RS232/RS485	YES
NFPA ANNUNCIATOR	OPTIONAL
REMOTE DISPLAY PANEL	OPTIONAL
ETHERNET/MODEM	OPTIONAL

ADDITIONAL FEATURES

AUDIBLE ALARM	YES
ENGINE EXERCISER	YES
MAINTENANCE INTERVAL TIMER	OPTIONAL
LOAD SHEDDING/DUMMY	OPTIONAL
CONFIGURABLE INPUTS	4 (EXPANDABLE)
CONFIGURABLE OUTPUTS	4 (EXPANDABLE)
EVENT LOG	250

Specifications are subject to change without notice.

