

# WINCO<sup>®</sup> GENERATORS



## An American Company

We produce our products in our 200,000 ft<sup>2</sup> facility located in Le Center, Minnesota, equipped with modern engineering, fabrication and assembly capabilities.



## Brushless Industrial Genend

With automatic voltage regulation

## Switchable Voltage

Three-position 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

## Single Point Lifting Eye

One lifting eye for quick and easy maneuvering

## Loading Features

The engine is outfitted with a variable speed fan and 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

# RP210

180,000 WATTS

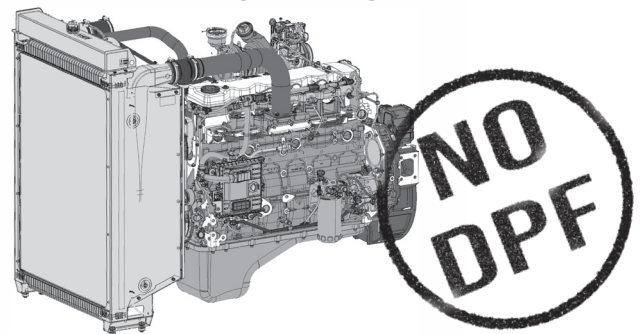
## REDI POWER

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		
		WATTS	KVA	AMPS	WATTS	KVA	AMPS
120/240 1-PH	1.0	180,000	180	750	162,000	162	675
120/208 3-PH	0.8	180,000	225	625	162,000	202	562
277/480 3-PH	0.8	180,000	225	270	162,000	202	243

## ENGINE

ENGINE BRAND	FPT
ENGINE MODEL	N67
TIER	IV FINAL
ENGINE STARTER	24V ELECTRIC
ENGINE SPEED	1800 RPM
ENGINE CYLINDERS	6
ENGINE HP	299
FREQUENCY	60 HZ
ALTERNATOR	90 AMPS 24V
SAE	#3
FLYWHEEL	11 1/2"
ROTATION	CCW
ASPIRATION/COOLING	TURBOCHARGED
COOLANT	7.4 GAL
BORE/STROKE	104 mm x 132 mm
DISPLACEMENT/TYPE	6.7 L
LOW OIL PROTECTION	STANDARD
RECOMMENDED OIL <sup>(2)</sup>	5W-40 SAE
OIL CAPACITY	4.7 GAL
INJECTION PUMP	COMMON RAIL
GOVERNOR	ELECTRONIC
COMPRESSION RATIO	17:1
FAN TYPE	PUSHER
INTAKE AIR CONSUMPTION	N/A
RADIATOR COOLING AIR	N/A
EXHAUST	0.656 CFM
EXHAUST OUTLET SIZE	4"
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.

## RP210

MOTOR STARTING (CODE G)	103 HP
DBA @ 7 METERS	70
TOTAL HARMONIC DISTORTION	< 5%
MAIN CIRCUIT BREAKER	800 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 <sup>(1)</sup>	(2) GROUP 24 650 CCA
BATTERY CHARGER	5 AMP GUEST SOLAR
EPA APPROVED	TIER IV FINAL
CARB APPROVED	TIER IV FINAL
TÜV CERTIFICATION	CSA
UNIT WARRANTY <sup>(2)</sup>	1 YEAR/2,000 HOURS

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

## GENERATOR END

WINDING	12 LEAD
WINDING NUMBER	311
VOLTAGE REGULATION	AVR +/- 1%
AVR TYPE	AS440
TEMPERATURE RISE	125/40°C
TYPE	REVOLVING FIELD
BRUSHLESS	YES
SPEED	1800 RPM
ROTOR	2/3 PITCH
WINDINGS	100% COPPER
STATOR WINDING	DOUBLE LAYER CONCENTRIC
COUPLING	DIRECT/FLEXIBLE DISC
BEARINGS	SINGLE (MAINTENANCE FREE)
EFFICIENCY PEAK	92.9
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	4% EVERY 10°F

## FUEL

TYPE	ASTM D975 NO-2D DIESEL
FUEL TANK	300 GAL 110% CONTAINMENT
FULL LOAD RUN TIME <sup>(1)</sup>	22 HOURS
FUEL CONSUMPTION	GAL/HR
100%	13.5
75%	10.5
50%	7.3
25%	3.9
DEF TANK CAPACITY	65L
DEF CONSUMPTION	--

NOTES: (1) Run time is estimated.

## BLOCK HEATER

VOLTS	120V
WATTS	1,500
AMPS	12.5
THERMOSTAT	
ON	100°F
OFF	120°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	12,000 LBS
TORFLEX AXLES	DOUBLE
STANDARD HITCH SIZE	3" PINTLE
HITCH HEIGHT	ADJUSTABLE
TIRES	15"
TIRE PRESSURE	65 PSI

## OPTIONAL ACCESSORIES

COUPLER <sup>(1)</sup>	2 5/16"
PINTLE	3"
50 AMP PLUG	CS6365C
TRAILER ACCESSORIES	SPARE TIRE TOOL BOX
BATTERY	GROUP 24 650 CCA
DEDICATED VOLTAGE	
DSE8610	WITH PARALLELING CONTACTOR

## SHIPPING

SHIPPING DIMENSIONS (L x W x H)	210" x 80" x 111"
SHIP WEIGHT (trailered)	9,780 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.

