

# 200kVA Generator

## Model: BCRJD 200-50/60 E3A



### Generator Set Data

	50Hz	60Hz		50Hz	60Hz
VOLTAGE (V)	415/240V	480/277V	POWER FACTOR	cos $\phi$ 0,8	cos $\phi$ 0,8
RPM	1500	1800	FUEL CONSUMPTION @ 70%	38 L/H	41 L/H
PRIME RATING	200 kVA	200 kVA	BUNDED DAY TANK	515L	
	160 kwe	160 kwe	DIMENSIONS	3800mm (L)	
CURRENT	288 Amps			1270mm (W)	
				2033mm (H)	
Applicable for supplying power to varying electrical load for unlimited hours. Prime Power (PRP) is in accordance with ISO 8528. Ten percent overload capacity is available in accordance with ISO 3046, AS 2789, DIN 6271 and BS5514.			WEIGHT	3100Kg (Without Fuel)	3500Kg (With Fuel)
STANDBY RATING	220 kVA	219 kVA	MAXIMUM OPERATING AMBIENT	40°C	
	176 kwe	175 kwe	SOUND LEVEL	@ 75% load	
CURRENT	318 Amps			77 dBa @1m	
Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source. Emergency Standby Power (ESP) is in accordance with ISO 8528. Fuel stop power in accordance with ISO 3046, AS 2789, DIN 6271 and BS5514.			LIFTING ARRANGEMENTS		
CONTINUOUS RATING	200 kVA	200 kVA	Single Point Lift	Y	
	160 kwe	160 kwe	Fork Pockets	Y	
Applicable for supplying power continuously to a constant electric load for unlimited hours. Continuous Power (COP) in accordance with ISO 8528, ISO 3046, AS 2789, DIN 6271 and BS 5514.					

Unit B1 Colliery Business Park  
Pike Road, Eythorne,  
Dover, Kent, CT15 4FE

t 01304 833900  
e rental@powerhire.uk.com  
www.powerhire.uk.com



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### Engine

	1500rpm	1800rpm
MODEL	JOHN DEERE 6068 HFU82	
MAX POWER @ 50HZ	430 KWm	496 KWm
ASPIRATION	TURBO	
COOLING SYSTEM	WATER	
SPEED GOVERNOR	ELECTRONIC	
CYLINDERS NUMBER	6	
DISPLACEMENT	16120 cm <sup>3</sup>	

### Control System

MODEL	DEEP SEA 8610
CONTROL FUNCTIONS	
Manual Start	Y
Auto Start	Y
Set to Set Paralleling	Y
Utility Paralleling	N
AUXILIARY SUPPLY	
Voltage	230V 1Ø
Via Connection Type	16A C FORM
Battery Charger	Y
Coolant Heater	Y
Enclosure Lighting ac	N
OUTPUT CIRCUIT BREAKER	
Make	ABB
Model	SACE Tmax
Current Rating	400 Amp
Motorised	Y
Trip Type	PR221 DS
Bus Bars	Y
125A C Form 3 Phase Sockets	1
63A C Form 3 Phase Sockets	1
63A C Form single Phase Sockets	N
32A C Form 3 Phase Sockets	2
32A C Single Phase Sockets	3
Road Towable Option	N

### Alternator

	1500rpm	1800rpm
MODEL	CGT STAMFORD UCI 274 F	
MAXIMUM POWER @ 50HZ	200 kVA	200 kVA
MAX EFFICIENCY	95 %	95 %
EXCITER	SELF	
WIRES	12	
SHORT-CIRCUIT CURRENT	200%	250%
POLES	4	
INSULATION	CLASS H	
VOLTAGE REGULATION	± 1%	
PHASES	3+ N	
PROTECTION	IP 23	
AVR	SX460	



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