



Technical Specifications

BRAND & MODEL	NEWPOWER CHDG-100SPC		
ALTERNATOR	STAMFORD UCI224G		
Frequency	Hz	50	60
Output Rating	Prime (kVA)	80	100
	Standby (kVA)	88	110
No. of Phase	3 Phase, 4 Wire		
Rated Voltage	V	230/400	
Power Factor	0.8 (Lagging)		
Voltage Regulation	%	±1	
Excitation	Self Exciting		
Insulation	Class H		
ENGINE			
Make & Model	CUMMINS QSB3.9-G3		
Type	Water Cooled, Turbo-Charged with intercooler		
Output Rating	kW/rpm	79/1500	
Bore x Stroke	mm	102X120	
Position Displacement	L	3.9	
Fuel Type	Diesel ASTM No.2		
Fuel Consumption (75% load)	L/h	17	
LUB Oil Pump Capacity	L	10.9	
Coolant Capacity	L	7	
Battery x Quantity	80AH x1		
Fuel Tank Capacity	L	480	
UNIT			
Dimensions L x W x H	mm	2500x1050x1760	
Dry Weight	kg	1915	
Sound Level @ 7m	db(A)	56	