

# Test Run and Commissioning Sheet

Serial Number

Customer :

Customer Name & Address:	M/s Akhilesh Hossain LED, Matlabari project		
Contact No:	Mr. Kabir	Tel:	01755514099

Gen set:

Product ID (Plant No.):	20E13627H/2						
Gen Set:	Model	KVA		Details			
	PL150	150					
Engine:	Brand	Model No		Serial No			
	PATYNS			PR83526UOX3336K			
Alternator:	Brand	Model No		Serial No			
	Levoyschur			32269600020			
Year of Manufacturing							
ATS Type	Nil	Local	Foreign	Magnetic Contractor	Brand & Model		Capacity (Amp)
Canopy Type	Open	Local	Foreign	Canopy internal insulation	Good/Not Good	Canopy Sound performance	Good / Not Good
Controller Model	DSE-MX/20MKII			Battery Charger	Connected	Not Connected	

Installation:

Place Of Installation	28-6-2021	Date of Delivery	28-6-2021
Date Of Installation	28-6-2021	Date Of Commissioning	28-6-2021
Warranty Expiration date		Free Service Period	

365 DAYS / 1500H whichever come first from the date of Commissioning.

Load Test:

Item No	KW	Hz/Speed	Voltage Phase-N			Current			Oil Pressure Bar	Temperature °C
			V1-N	V2-N	V3-N	I1	I2	I3		
1	9	51.2	231	230	230	15	0	10	5.22	26
2										
3										
4										
5										
6										
7										
8										
9										
10										

1607/21

### Related Documents

User Manual	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Electrical Diagram of Gen. Set	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Maintenance/User Hand Book	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Electrical Diagram of Foreign ATS	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

### Warranty Dose Not Cover:

- Defects due to users improper maintenance (Not following the maintenance instruction by Manufacturer)
- All Consumable items (Not following the user guide/manual by Manufacturer)
- Normal Wear & Tear
- Alterations or repairs of any parts without prior approval by authorized Manufacturer/Distributor.
- Not Following written Instruction/Comments/Recommendation given by Commissioning Manager / Engineer.

### For Cross World Group

### For Customer

Md. Atikur Rahman  
Commissioning Engineer

  
28/06/21

Date: 28-6-2021

The Gen set has been commissioned successfully & handed over without any discrepancy. We understood the operational procedure.

Response Time	Fast	Slow	Customer observation about product & service			
Product Problem Identification	OK	Not Ok	Delighted	Very Satisfactory	Satisfactory	Unsatisfactory
Operation Procedure Explanation	Ok	Not Ok	Remarks (If any):			
Service Engineer Behavior	Ok	Not Ok				
Additional Work / Service/Commissioning Done	Ok	Not Ok				



# Electrical and Mechanical Installation Sheet

Serial Number:

Project Name	MIR AKHTER Hossain	Model	150 kVA; P&S150
Address:	Makrbari Road Project	Date	28-6-2021

STEP 1 : Check points when shipment arrive to site		Remarks
<b>Engine &amp; Alternator</b>		OK
1	No visual damage to engine or generator.	OK
2	Visual damage to engine or generator.	OK
3	Gen set Placement (Leveling & bolting)	OK
If there is any visual damage, please inform concern dept.		

Step 2 : Gen set room /environmental condition		Ok	Not ok	Remarks
1	Sufficient space around the generator for movement	OK		
2	Proper light and air inside the room	OK		
3	Dust proof, neat and clean	OK		

Step 3 : Cable selection & termination		Ok	Not ok	Remarks
1	Check the power cable rating and insulation quality	OK		
2	Check the control & signal cable	OK		
3	Cable laying & dressing	OK		
4	Cable marking & termination	OK		
5	Cable trench / tray (If any)	OK		
6	Power cable connections from Alternator - ACB, ACB-ATS, ATS-LT	OK		
7	LT/Load are correct (Balanced)	OK		
8	Phase Sequence	OK		

Step 4 : Earthing System/connection		Ok	Not ok	Remarks
1	Separate earthing for generator		✓	Earthing to frame
2	Earthing result below 1 ohm		✓	Earthing to 10 ohm
3	Connection from earthing bar to generator/ATS ( body & neutral)			Ph (24V/415V) 10A

Step 5 : Exhaust/silencer System-		Ok	Not ok	Remarks
1	Mounting of Exhaust silencer	OK		
2	Rigid / flexible fixing of exhaust pipe	OK		
3	Diameter & Length of exhaust pipe *	OK		
4	Support system	OK		
5	Extra flexible if required	OK		
6	Rain cap	OK		
7	Insulation & Quality	OK		
8	Alignment	OK		
9	Drainage point			
10	Gasket fittings and leveling			
11	Bolting, tightening & welding			

STEP 6 : Radiator System		Ok	Not ok	Remarks
1	Ducting Dimension			
2	Opening area of ducting			
3	Canvas cloth fitting			

## COMPLETION CERTIFICATE

DATE: 28-6-2021

To,

Mir Akhter Hossain 17D

Project Name Malabari, Cox's bazar -

COMPLETION CERTIFICATE OF DIESEL GENERATING SET PLANT ID: ~~20E-1362711/2~~  
---MODEL #.....~~PL150~~.....

Dear Sir,

We have since completed installation, testing and commissioning of above generating set with model PM/PS 150 and tested it as per **ALLAM's** manual on the Date 28/6/21 in presence of your representative/operator and found satisfactory performance in all respect and handed over its key and all the relevant standard accessories, equipment and manuals to your representative.

We have also explained your operator how to conduct daily, weekly, monthly as well as all other inspections/services as called for in the **ALLAM's** manual for smooth and trouble free operation of this generator. We shall cover **warranty** for the next 12 (Twelve) months from the date of its delivery, as per **ALLAM's** terms and conditions of sales.

If you disagree with us and have any other query, please inform us as soon as possible. If we do not hear from you within next 7 (seven) days, contrary to what we have stated above, we shall consider that the plant has been received by you in a satisfactory condition.

Yours faithfully,  
**Cross World Power Ltd.**

received the Plant in  
**Good order & condition.**

Md. Akhter Hossain  
For and on behalf of

  
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