



LEGEND		
SR.NO	SYMBOL	DESCRIPTION
1		CURRENT TRANSFORMER
2		TRANSFORMER
3		PCS
4		LT DISTRIBUTION BOX
5		VOLT METER
6		AMMETER
7		MCCB
8		ENERGY MANAGMENT SYSTEM
9		RECTIFIER

S.NO.	SYMBOL	DESCRIPTION
01		PV MODULE
02		DC-DC CONVERTER
03		DC-DC COMBINER
04		BATTERY
05		PCS
06		ISOLATOR

Project Data

Make of module

- Canadian

Type of module / power

- 245 Wp (POLY)

PCS Capacity

- 100 KW

PCS make

- Newen

No.of Modules in String

- 24 Nos.

Overall DC-Power

- 141.120 kWp

Overall AC-Power

- 100 KW

Module details

Voc = 37.1V

Isc = 8.74A

Vmp = 30V

Imp = 8.17A

<input checked="" type="checkbox"/> FOR APPROVAL		
<input type="checkbox"/> FOR INFORMATION	02	R2 03.05.23
<input type="checkbox"/> FOR CONSTRUCTION	01	R1 27.02.23
<input type="checkbox"/> AS BUILT	00	AS BUILT 19.8.22
REV.	DESCRIPTION	DATE

PROJECT	Demo Green Hydrogen Plant (Solar +BESS +Electrolyzer)
END USER:	Hygenco India Pvt Ltd L-4, Spring House, JMD Regent Arcade Mall Mehrauli-Gurgaon Road, Gurugram, Haryana 122001
OWNER'S ENGINEER:	Hygenco India Pvt Ltd L-4, Spring House, JMD Regent Arcade Mall Mehrauli-Gurgaon Road, Gurugram, Haryana 122001
EPC CONTRACTOR	Hygenco India Pvt Ltd L-4, Spring House, JMD Regent Arcade Mall Mehrauli-Gurgaon Road, Gurugram, Haryana 122001
TITLE:	AC-SINGLE_LINE_DIAGRAM
HYG DRG.NO.	HYG-DEMO-IN-E-DWG-101

SCALE: NTS	REV. R1	PREPARED BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE
SH. SIZE: A3	SH. 01, DF. 01	SK	03.05.2023	AKP	03.05.2023	AKP	03.05.2023

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