



WE THE SOLAR EXPERTS

With more than 45 years of business experience and 5+ years of expertise in Solar EPC & Distribution, we have launched “**PVS360 Design**” as the one-stop solution for all your Solar Design needs.



*“Start the revolution,
Stand out-of-the-box with
PVS360 Design”*



WHY PVS360 DESIGN

We are pioneers in design and consultancy for all PV solar projects from residential to utility scale. Photovoltaic Solar ought to deliver the best services to its clients. Timely supply of Design with right technical input is our motto.



GUJARAT STATE ANNUAL STATE AWARDS 2022

EQ INTERNATIONAL



Best in Class Designs



Dedicated Portal



100% Transparency &
Support



Guaranteed Drawing
Approval

PRE - DESIGN

- ✓ 3D Design
- ✓ Panel Placement
- ✓ 3D Structure Design
- ✓ Plant Capacity
Determination
- ✓ Shadow Analysis
- ✓ Complete Structure BOM
- ✓ 3D Presentation Video*
- ✓ PVsyst Power Generation
Report*



ADVANCE DESIGN

- ✓ 3D Design
- ✓ Panel Placement
- ✓ 3D Structure Design
- ✓ Plant Capacity Determination
- ✓ Shadow Analysis
- ✓ Complete Structure BOM
- ✓ 3D Presentation Video*
- ✓ PVsyst Power Generation Report*
- ✓ Shadow Analysis Report
- ✓ Structure Stability Report
- ✓ Single Line Diagram
- ✓ Key Plan/Plant Layout
- ✓ Equipment Layout
- ✓ Earthing Layout
- ✓ IFP Portal Handling
- ✓ String Design
- ✓ AC/DC Cable Sizing
- ✓ HT/LT Panel Design
- ✓ Complete BOM
- ✓ Detailed Structure Drawings
- ✓ Cable Trench Layout
- ✓ Wind Analysis Report
- ✓ TS Marking
- ✓ On-Call Support

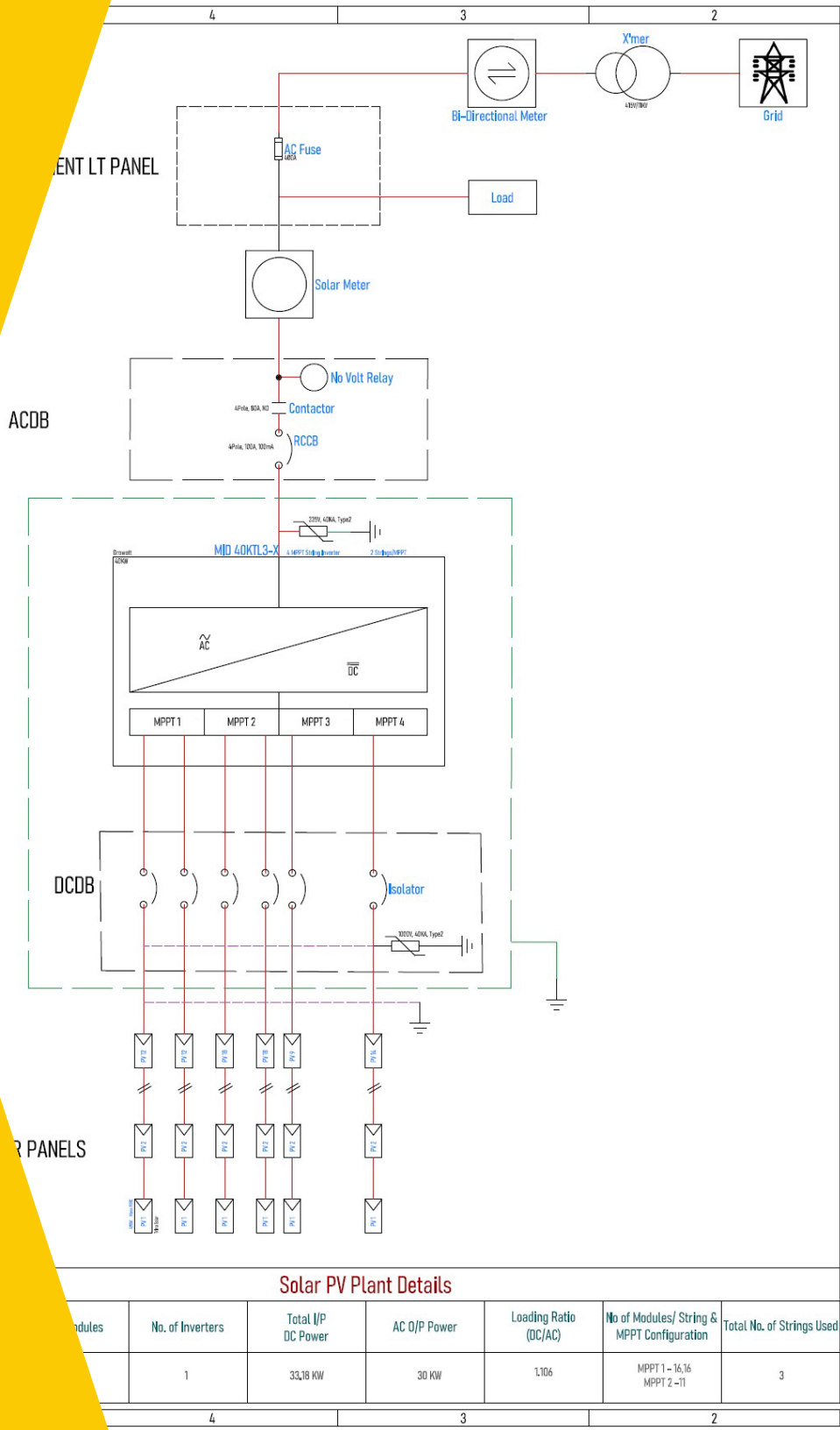


CEI APPROVAL

- Single Line Diagram
- Key Plan/Plant Layout
- Equipment Layout
- Earthing Layout
- IFP Portal Handling*



*T&C Apply



LEGENDS		
Sr.	SYMBOL	DESCRIPTION
1		Solar Panel
2		String Inverter
3		DC Switch/Isolator
4		DC Fuse
5		SPD
6		MCB/RCCB
7		MCCB
8		AC Fuse
9		No Volt Relay
10		Contactor
11		Air Circuit Breaker
12		CT
13		Earthing
14		Solar Meter
15		Bi-Directional Meter
16		Power Transformer
17		Load
18		Grid
19		Change Over Switch
20		Generator

NOTES	
* GENERATOR IS NOT PRESENT AT SITE	

CLIENT SIGN & STAMP	
CLIENT	
MR SANJAY ARJUNBHAI PATEL	
EPC CONTRACTOR	
PHOTOVOLTAIC SOLAR	

PROJECT TITLE	
33.18 AT MR SANJAY ARJUNBHAI PATEL, ANAND	
DWG TITLE	
SINGLE LINE DIAGRAM	
DRAWN	CHECKED
DATE	APPROVED
20/06/2021	07
SCALE	1:1

Solar PV Plant Details						
No. of Modules	No. of Inverters	Total I/P DC Power	AC O/P Power	Loading Ratio (DC/AC)	No of Modules/ String & MPPT Configuration	Total No. of Strings Used
1	1	33,18 KW	30 KW	1.106	MPPT 1 - 16, 16 MPPT 2 - 11	3

RESIDENTIAL TENDER

Pre-Design

- ✓ 3D Design
- ✓ Panel Placement
- ✓ 3D Structure Design
- ✓ Plant Capacity Determination
- ✓ Shadow Analysis
- ✓ Complete Structure BOM

Advance Design

(Pre-Design Package +)

- ✓ Shadow Analysis Report
- ✓ Structure Stability Report
- ✓ Complete BOM



INDIVIDUAL SERVICES

- ✓ PVsyst Power Generation Report
- ✓ Shadow Analysis Report
- ✓ Structure Stability Report
- ✓ Wind Analysis Report
- ✓ Realistic 3D Video
- ✓ Consultancy





We believe in providing the best services to our customers, and that's why we have launched **PVS 360** portal (app.photovoltaiacsolar.in) to completely change service dynamics. It is one-of-a-kind comprehensive service portal which completely elevates customer service experience. It drastically improves on service efficiency and transparency. **PVS 360** portal is a versatile and dynamic CRM that helps individual customers to get all the information at one place. It reiterates the fact that we are not just any other company but the one who believes in providing service so that we can bring smile on our customer's face.





Western India's Biggest Solar Distribution & EPC Company*



Photovoltaic Solar's 360° Solar Design Solution



Photovoltaic Solar's All-in-One Solution Portal

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Opp. Mega Freight, GIDC, Halol

