

**NOTES :**

MODULE CAPACITY	: 250Wp
TOTAL NO. OF MODULES	: 200 No's
ARRAY TILT	: 15 Deg
TOTAL SYSTEM CAPACITY	: 50 kWp

THIRD ANGLE PROJECTION

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**TATA**

**TATA POWER SOLAR**

TATA POWER SOLAR SYSTEMS LIMITED  
No.78, Electronics City, Hosur Road,  
Bangalore - 560 100, INDIA.

MATERIAL		FINISH	
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN mm			
TOLERANCES			
NO D.P.	ONE D.P.	TWO D.P.	ANGLES
± 1mm	± 0.5mm	± 0.25mm	± 0.5°

TITLE

**ARRAY LAYOUT LAYOUT FOR**

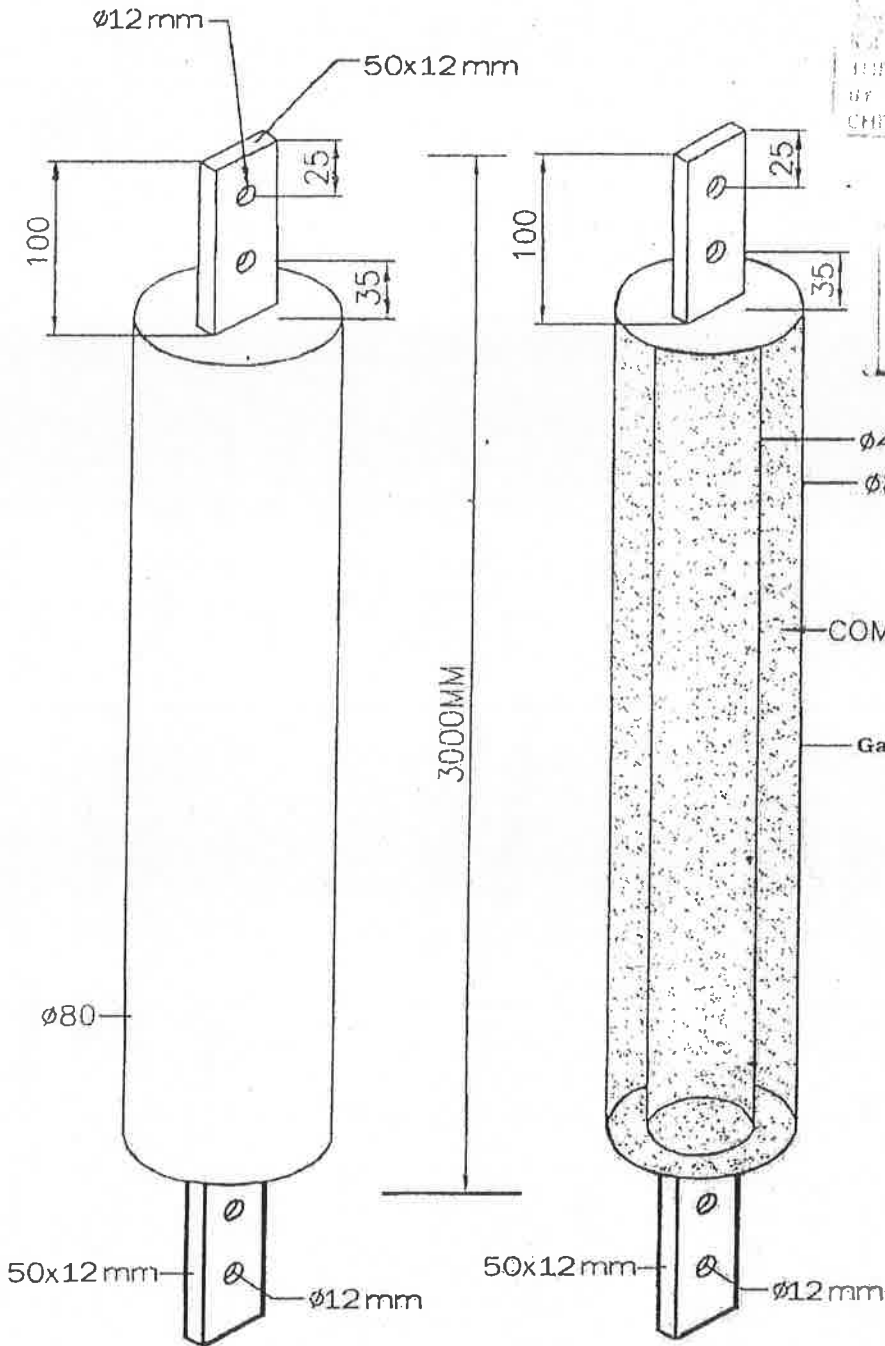
**KRISTU JAYANTHI**

SCALE

NTS

REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPR.
			DRAWN	CHKD.	APPR.
			SHINJAN	VJAY	KAMATH
			DATE	DATE	DATE
			27.07.2015	27.07.2015	27.07.2015
PART/ DWG NUMBER: TPSIARRKRISTU_JAYANTHI					SHEET SIZE
					A4

G.I Earthing Electrode

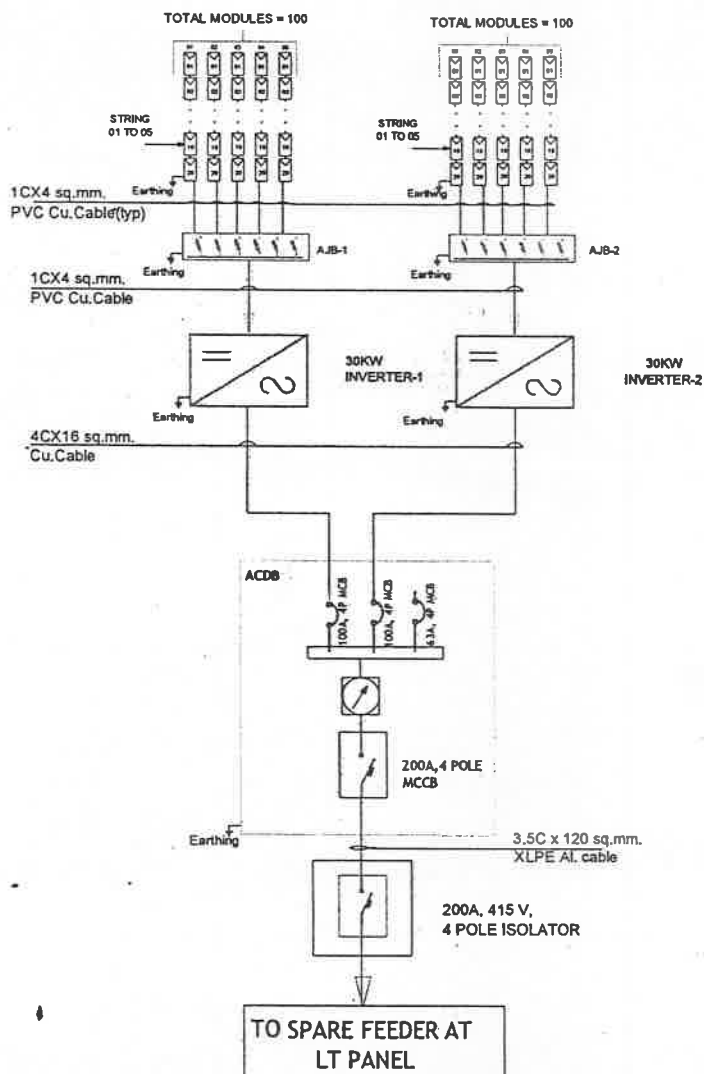


THE VERIFICATION  
BY C.E. IS LIMITED TO  
CHECKS ONLY

सिद्धि केवल  
से संबंधित दस्तावेज  
Document Pertaining to  
Report No. S.C.9.149A

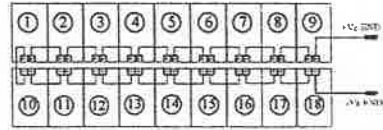
*Pravin*  
परीक्षण अभियंता / Test Engineer  
ल.प. प्रयोगशाला / S. C. LAB  
सी. पी. आर. जर्जे / CPRA  
बंगलूर / Bangalore

<b>Title :- G.I (Galvanised Iron) Earthing Electrode</b>	
1. Drawing No. :- JKEE 01	
2. Model No. :- JK 880	
3. Description :- Earthing electrode Dual Pipe With Highly Conductive compound	
4. Terminal :- 50x12mm Ø12mm	
5. Dimension :- All Dimension are in mm	
6. Size :- 80mm dia - 3000mm Long	
7. Scale :- Neeto Scale	
8. Dimensional Tolerance :- 10 <sup>-4</sup>	
Company :- JK Earthing Electrodes	
Address :- Ramlekkuvanah Bhuvan, Main Road Aralyalmozhi, Kanya Kumari Dist	
Pin Code :- 629 301	
Phone (O) :- 04652-262154	
E-Mail :- sales@gelearthing.com	
webSite :- www.gelearthing.com	
Factory :- Aralyalmozhi, Kanya Kumari, dist - 629 301, India	



TOTAL 200 NUMBERS OF 250Wp MODULES

NUMBER OF SOLAR PANELS IN SERIES & PARALLEL				
SL.No	INVERTER TYPE	NO OF MODULES IN SERIES	NO OF STRINGS IN PARALLEL	NO OF MODULES
1	30 kW INVERTER-1	20 MODULES	5 STRINGS	100 MODULES
2	30 kW INVERTER-2	20 MODULES	5 STRINGS	100 MODULES
TOTAL MODULES				200 MODULES



TYPICAL MODULE INTERCONNECTION DETAILS

SYMBOLS AND LEGENDS	
	MODULE
	INVERTER
	Miniature Circuit Breaker (MCB)
	KWH METER

THIRD ANGLE PROJECTION  
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MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN mm	
TOLERANCES	
NO D.P. ± 1mm	ONE D.P. ± 0.5mm
TWO D.P. ± 0.25mm	ANGLES ± 0.5°
SCALE NTS	

REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPR.
TITLE <b>SINGLE LINE DIAGRAM FOR 50kWp SPV SYSTEM</b>			DRAWN SHRIJANI	CHKD. VJAY	APPR. KAMATH
Customer: KRISTU JAYANTI			DATE 31.07.2015	DATE 31.07.2015	DATE 31.07.2015
PART/ DWG NUMBER: TP/EA/S/CH/1/1000015			SHEET 1 OF 1		REV. 00
			SHEET SIZE A4		

1 2 3 4 5