



PV SYSTEM CONFIGURATION	
MODULE RATING	660 Wp
MODULE PER STRING.	20 NOS
TOTAL NO OF STRINGS	10 NOS
TOTAL NO OF MODULES	200 NOS
TOTAL CAPACITY (DC)	132 kWp

LEGEND	
	Trina 660Pkw Solar panel
	Hensel DC Combiner Box
	Sungrow SG125CX-P2 Inverter
	3 Phase Lamp Indicator
	Multifunction Meter (Scheider 6400NG)
	Current Transformer
	3 Phase 6A MCB
	Moulded Case Circuit Breaker

CABLE TYPE AND SIZE	
PV String Cable	1R x 2C x 4 sqmm cu DC Cable
DC Junction Box to Inverter Cable	1R x 2C x 4 sqmm cu DC Cable
Inverter to AC combiner Box	1R x 3.5C x 240 sqmm Al.Ar.XLPE
AC combiner Box to Load busbar	1R x 3.5C x 240 sqmm Al.Ar.XLPE
Earthing Cable (PV Module)	1C 16sq mm Cu.
Earthing Cable (DC Box & Inverter)	1C 16sq mm Cu.
Earthing Cable (Earth pit to busbar)	1C 16sq mm Cu.
Communication cable	RS485 Cable.

SOLAR SINGLE LINE DIAGRAM (S.L.D)

SUBMITTED BY:

SUBMITTED TO:

DATE

REVISION

SIGNATURE

DESIGNED BY

DRAWN BY:

CHECKED BY:

APPROVED BY:

SCALE

NOT TO SCALE



Solar SLD.

DATE:

DRG. NO.:

SHEET NO.