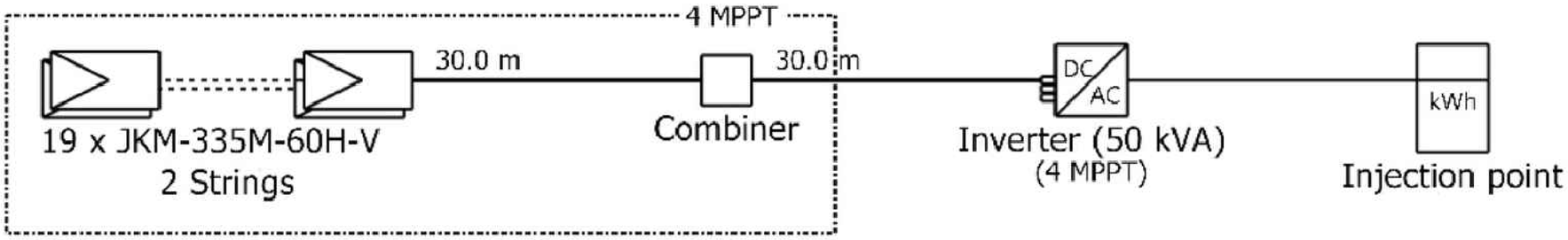


Module Specifications	
150x Jinko JKM320M-60HBL	
STC Rating	320 W
Vmp	33.4 V
Imp	9.59 A
Voc	40.9 V
Isc	10.15 A

Inverter Specifications	
1x Huawei SUN2000-100KTL-M1 (380/400)	
Max AC Power Rating	100 kW
Max Input Voltage	1,100 V
Min AC Power Rating	0 W
Min Input Voltage	200 V

Wire Schedule		
Tier	Wire	Length
Trunk	1x 12 AWG	5m
Bus	1x 12 AWG	<1m
String	6x 10 AWG	121m



General Notes

- The drawing to be used as a guideline for system configuration and was used for design simulation
- Contractor to produce construction drawings as specification of equipment and material supplied .

DRAWING TITLE:

KANYAKINE COOLING CENTER

LINE DIAGRAMS

SURVEYED BY:

.....

DESIGNED BY:

ENG. J. AWANDILE

.....

CHECKED & APPROVED BY:

ENG. A. MUSUSI

.....

No.	Revision/Issue	Date

Firm Name and Address

NATIONAL AGRICULTURAL VALUE CHAIN DEVELOPMENT PROJECT

(NAVCDP)

MERU COUNTY

Project Name and Address

GRID TIE SYSTEM DESIGN

MERU COUNTY

Project	Sheet
KANYAKINE	1
Date: 02.06.2025	Sheet 1 of 2
Scale: NTS	



General Notes

- The drawing to be used as a guideline for system configuration and was used for design simulation
- Contractor to produce construction drawings as specification of equipment and material supplied .

DRAWING TITLE:

KANYAKINE COOLING CENTER LAYOUT

SURVEYED BY:

.....

DESIGNED BY:

ENG. J. NJANDUE

.....

CHECKED & APPROVED BY:

ENG. A. MUSUSI

.....

No.	Revision/Issue	Date

Firm Name and Address

NATIONAL AGRICULTURAL VALUE CHAIN DEVELOPMENT PROJECT

(NAVCDP)

MERU COUNTY

Project Name and Address

GRID TIE SYSTEM DESIGN

MERU COUNTY

Project: KANYAKINE	Sheet: 2
Date: 02.06.2025	
Scale: NTS	Sheet 2 of 2