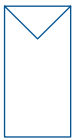


LOCALIZACIÓN

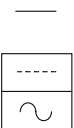


UBICACIÓN:

SIMBOLOGÍA



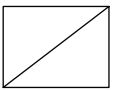
Módulo Fotovoltaico  
LR5-72HTH 570Wp



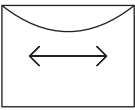
Micro Inversor MI 2000



Interruptor termomagnético  
2 polos



Tablero principal



Medidor Bidireccional

DIBUJÓ: Ing. Arlett E. Hinojosa Herrera

REVISÓ: Ing. Gerardo Cruz Peralta

APROBÓ:

PROPIETARIO:

FECHA:

ESCALA:

CLAVE DE ARCHIVO:

PROYECTO:

Sistema interconectado a la red 9.12kWp

| Circuitos en DC |                        |         |         |                  |              |                          |                          |                |                     |                       |         |
|-----------------|------------------------|---------|---------|------------------|--------------|--------------------------|--------------------------|----------------|---------------------|-----------------------|---------|
| Circuito        | Potencia de módulo STC | Vmp     | Imp     | Total de módulos | Potencia STC | Pérdidas por inclinación | Pérdidas por temperatura | Potencia Total | Conductor USE-2-90° | Longitud del circuito | e% CD   |
| 1               | 570 Wp                 | 43.76 V | 13.03 A | 4                | 2,280 Wp     | 68 Wp                    | 114 Wp                   | 2,098 Wp       | 10 AWG              | 5 m                   | 0.020 % |
| 2               | 570 Wp                 | 43.76 V | 13.03 A | 4                | 2,280 Wp     | 68 Wp                    | 114 Wp                   | 2,098 Wp       | 10 AWG              | 5 m                   | 0.020 % |
| 3               | 570 Wp                 | 43.76 V | 13.03 A | 4                | 2,280 Wp     | 68 Wp                    | 114 Wp                   | 2,098 Wp       | 10 AWG              | 5 m                   | 0.020 % |
| 4               | 570 Wp                 | 43.76 V | 13.03 A | 4                | 2,280 Wp     | 68 Wp                    | 114 Wp                   | 2,098 Wp       | 10 AWG              | 5 m                   | 0.020 % |
| 5               | 570 Wp                 | 43.76 V | 13.03 A | 4                | 2,280 Wp     | 68 Wp                    | 114 Wp                   | 2,098 Wp       | 10 AWG              | 5 m                   | 0.020 % |
| 6               | 570 Wp                 | 43.76 V | 13.03 A | 4                | 2,280 Wp     | 68 Wp                    | 114 Wp                   | 2,098 Wp       | 10 AWG              | 5 m                   | 0.020 % |
| 7               | 570 Wp                 | 43.76 V | 13.03 A | 4                | 2,280 Wp     | 68 Wp                    | 114 Wp                   | 2,098 Wp       | 10 AWG              | 5 m                   | 0.020 % |
| 8               | 570 Wp                 | 43.76 V | 13.03 A | 4                | 2,280 Wp     | 68 Wp                    | 114 Wp                   | 2,098 Wp       | 10 AWG              | 5 m                   | 0.020 % |
| 9               | 570 Wp                 | 43.76 V | 13.03 A | 4                | 2,280 Wp     | 68 Wp                    | 114 Wp                   | 2,098 Wp       | 10 AWG              | 5 m                   | 0.020 % |
| 10              | 570 Wp                 | 43.76 V | 13.03 A | 4                | 2,280 Wp     | 68 Wp                    | 114 Wp                   | 2,098 Wp       | 10 AWG              | 5 m                   | 0.020 % |
| 11              | 570 Wp                 | 43.76 V | 13.03 A | 4                | 2,280 Wp     | 68 Wp                    | 114 Wp                   | 2,098 Wp       | 10 AWG              | 5 m                   | 0.020 % |
| 12              | 570 Wp                 | 43.76 V | 13.03 A | 4                | 2,280 Wp     | 68 Wp                    | 114 Wp                   | 2,098 Wp       | 10 AWG              | 5 m                   | 0.020 % |
| 13              | 570 Wp                 | 43.76 V | 13.03 A | 4                | 2,280 Wp     | 68 Wp                    | 114 Wp                   | 2,098 Wp       | 10 AWG              | 5 m                   | 0.020 % |
| 14              | 570 Wp                 | 43.76 V | 13.03 A | 4                | 2,280 Wp     | 68 Wp                    | 114 Wp                   | 2,098 Wp       | 10 AWG              | 5 m                   | 0.020 % |
| 15              | 570 Wp                 | 43.76 V | 13.03 A | 4                | 2,280 Wp     | 68 Wp                    | 114 Wp                   | 2,098 Wp       | 10 AWG              | 5 m                   | 0.020 % |
| 16              | 570 Wp                 | 43.76 V | 13.03 A | 4                | 2,280 Wp     | 68 Wp                    | 114 Wp                   | 2,098 Wp       | 10 AWG              | 5 m                   | 0.020 % |

| Circuitos en AC |                   |                     |          |                        |             |                          |                          |                |                   |                       |         |
|-----------------|-------------------|---------------------|----------|------------------------|-------------|--------------------------|--------------------------|----------------|-------------------|-----------------------|---------|
| Circuito        | Potencia Inversor | Total de Inversores | Voltaje  | Corriente por circuito | Potencia AC | Pérdidas por inclinación | Pérdidas por temperatura | Potencia Total | Conductor THHW-LS | Longitud del circuito | e% AC   |
| 1               | 2,000 W           | 4                   | 220.00 V | 9.09 A                 | 2,000 W     | 0 W                      | 0 W                      | 8,000 W        | 10 AWG            | 25 m                  | 0.014 % |
| 2               | 2,000 W           | 4                   | 220.00 V | 9.09 A                 | 2,000 W     | 0 W                      | 0 W                      | 8,000 W        | 10 AWG            | 25 m                  | 0.014 % |
| 3               | 2,000 W           | 4                   | 220.00 V | 9.09 A                 | 2,000 W     | 0 W                      | 0 W                      | 8,000 W        | 10 AWG            | 25 m                  | 0.014 % |
| 3               | 2,000 W           | 4                   | 220.00 V | 9.09 A                 | 2,000 W     | 0 W                      | 0 W                      | 8,000 W        | 10 AWG            | 25 m                  | 0.014 % |

