

SMARTER ENERGY SOLUTION

Preventive Maintenance Solar System



Customer Name : Cherengtalay Condo V-4 Maintenance : MA Date : 17 June 2024

Solar Panel

Inverter

Brand	Model	Capacity	Install	Brand	Model	S/N
Eastlux	EL450M5-60H	10 Kwp.	25 Panels	Solis	SGR3P-10K	

Before Preventive Maintenance Solar System

Solar Panels	Operating Voltage / Current	Time	Inspection	Remark
String 1	13 Panels Voc 501.6 Vdc Vmp Vdc Isc A.	16:00	☒ Pass ☐ Not Pass	
String 2	12 Panels Voc 465.5 Vdc Vmp Vdc Isc A.	:	☒ Pass ☐ Not Pass	
String 3	Panels Voc Vdc Vmp Vdc Isc A.	:	☐ Pass ☐ Not Pass	
String 4	Panels Voc Vdc Vmp Vdc Isc A.	:	☐ Pass ☐ Not Pass	
String 5	Panels Voc Vdc Vmp Vdc Isc A.	:	☐ Pass ☐ Not Pass	
String 6	Panels Voc Vdc Vmp Vdc Isc A.	:	☐ Pass ☐ Not Pass	
String 7	Panels Voc Vdc Vmp Vdc Isc A.	:	☐ Pass ☐ Not Pass	
String 8	Panels Voc Vdc Vmp Vdc Isc A.	:	☐ Pass ☐ Not Pass	
String 9	Panels Voc Vdc Vmp Vdc Isc A.	:	☐ Pass ☐ Not Pass	
String 10	Panels Voc Vdc Vmp Vdc Isc A.	:	☐ Pass ☐ Not Pass	
String 11	Panels Voc Vdc Vmp Vdc Isc A.	:	☐ Pass ☐ Not Pass	
String 12	Panels Voc Vdc Vmp Vdc Isc A.	:	☐ Pass ☐ Not Pass	

After Preventive Maintenance Solar System

Solar Panels	Operating Voltage / Current	Time	Inspection	Remark
String 1	13 Panels Voc 504.0 Vdc Vmp Vdc Isc A.	17:00	☒ Pass ☐ Not Pass	
String 2	12 Panels Voc 466.6 Vdc Vmp Vdc Isc A.	:	☒ Pass ☐ Not Pass	
String 3	Panels Voc Vdc Vmp Vdc Isc A.	:	☐ Pass ☐ Not Pass	
String 4	Panels Voc Vdc Vmp Vdc Isc A.	:	☐ Pass ☐ Not Pass	
String 5	Panels Voc Vdc Vmp Vdc Isc A.	:	☐ Pass ☐ Not Pass	
String 6	Panels Voc Vdc Vmp Vdc Isc A.	:	☐ Pass ☐ Not Pass	
String 7	Panels Voc Vdc Vmp Vdc Isc A.	:	☐ Pass ☐ Not Pass	
String 8	Panels Voc Vdc Vmp Vdc Isc A.	:	☐ Pass ☐ Not Pass	
String 9	Panels Voc Vdc Vmp Vdc Isc A.	:	☐ Pass ☐ Not Pass	
String 10	Panels Voc Vdc Vmp Vdc Isc A.	:	☐ Pass ☐ Not Pass	
String 11	Panels Voc Vdc Vmp Vdc Isc A.	:	☐ Pass ☐ Not Pass	
String 12	Panels Voc Vdc Vmp Vdc Isc A.	:	☐ Pass ☐ Not Pass	

Inverter Inspection

Device	Readings from Smarter Meter	Readings from Inverter Display	Field Measured Readings	Remark
Inverter	AC Line Voltage	AC Line Voltage	AC Line Voltage	
	Phase L1 to Grd : _____ Vac	Phase L1 to Grd : _____ Vac	Phase L1 to Grd : _____ Vac	
	Phase L2 to Grd : _____ Vac	Phase L2 to Grd : _____ Vac	Phase L2 to Grd : _____ Vac	
	Phase L3 to Grd : _____ Vac	Phase L3 to Grd : _____ Vac	Phase L3 to Grd : _____ Vac	
	AC Line Current	AC Line Current	AC Line Current	
	Phase L1 to Grd : _____ A	Phase L1 to Grd : _____ A	Phase L1 to Grd : _____ A	
	Phase L2 to Grd : _____ A	Phase L2 to Grd : _____ A	Phase L2 to Grd : _____ A	
	Phase L3 to Grd : _____ A	Phase L3 to Grd : _____ A	Phase L3 to Grd : _____ A	

Comment :

Renovate solar inverter / battery