

SMARTER ENERGY SOLUTION

Preventive Maintenance Solar System



Customer Name : Khun Fong				Maintenance : MA	Date : 10 September 2025
Solar Panel					
Brand	Model	Capacity	Install	Brand	Model
Eastlux	EL-490M9-60A	10 kWp.	17 Panels	Solis	SG-AR3P10K
				Inverter	
				S/N	
				1107A2216070010	

Before Preventive Maintenance Solar System

Solar Panels	Operating Voltage / Current				Time	Inspection			Remark
String 1	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 2	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 3	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 4	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 5	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 6	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 7	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 8	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 9	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 10	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 11	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 12	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	

After Preventive Maintenance Solar System

Solar Panels	Operating Voltage / Current				Time	Inspection			Remark
String 1	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 2	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 3	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 4	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 5	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 6	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 7	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 8	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 9	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 10	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 11	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	
String 12	Panels	Vmp	Vdc	Voc	Isc		Pass	Not Pass	

Inverter Inspection

Device	Field Measured Readings		Readings from Inverter Display		Readings from Smarter Meter		Field Measured Back Up	
Inverter	AC Line Voltage		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 L1 to Grd :	Vac.
	Phase L2 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.	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 :

Inspection By :

(Bunharn Libroy) Project Engineer

Date : / /