

MyHIJAU Mark Product

N-type Bifacial Double Glass Module

CA ENERGY SDN. BHD.

MyHP00345/25-001

General Information

A1. Product Classification

Category	Solar Energy Systems
Sub-category	Solar PV Panels

A2. General Product Information

Product Name	N-type Bifacial Double Glass Module
Brand	TCL Solar
Model	HSM-GHF-NM605~630
Product Type	4
Cell Type	1
Module Dimension (length x width x height)	2382 x 1 x 1
Module Weight	33.2 kg
Maximum Power Output	50 Watt

Operational Temperature	40 0C
Temperature Coefficient of Pmax	-0.29 %/0C
Power Output Tolerance (W , +5/-0)	5 Watt
Max System Voltage (VDC)	1500 VDC
Rapid Shutdown Device	No
Special feature	210mm N-type TOPCon

A3. Manufacturer / Seller Information

Ownership

Manufacturer

Manufacturer name	-
Country of manufacturing	China
Manufacturer sales office	Huansheng Photovoltaic (Jiangsu) Co., Ltd.
Manufacturer website	https://www.tcl.com/global/en/photovoltaic
Contact person phone	+60169655869
Contact person's email	alvin.wong@tzeco.com

Distributor/Trader

Distributor/Trader name	CA Energy Sdn. Bhd.
Manufacturer name	Huansheng Photovoltaic (Jiangsu) Co., Ltd.
Country of manufacturing	China
Distributor sales office address	6 Raffles Quay, #14-02, Singapore 048580

Distributor/Trader website	https://www.tcl.com/global/en/photovoltaic
Contact person phone	+60169655869
Contact person's email	alvin.wong@tzeco.com
Made in Malaysia	No
Bumiputera	No
Registered with e-perolehan	No

A4. Recommended Retail Price (RRP)

Recommended retail price (RRP)	350

Environment Specification

B1. Energy Performance

Module Efficiency	23.3 %

B2. Hazardous Substance Content

Hazardous content complies with environmental standard.	Yes

B3. Design for end-of-life

Design for recycled	Yes
User instruction for recycling is provided	Yes

B4. Product Longevity/ Life-cycle Extension

Product lifespan	30 year
Spareparts availability	15 year

Warranty period	Yes
Repairability Index	5 index value

B5. Packaging

Biodegradable	No
Compostable	No
Recyclable	Yes

B6. End-of-life Management

Take back policy	Yes

Product Certifications & Standards

C1. MyHIJAU Mark

Listing Number	MyHP00345/25-001
Certified Date	28-07-2025
Expiry Date	27-07-2028
Compliance Category	Performance Standard Compliance
Certificate Scheme	Performance requirement in accordance with IEC 61215 series (IEC 61215-1, IEC 61215-1-1 & IEC 61215-2) - Terrestrial photovoltaic (PV) modules – Design qualification and type approval.
Verification Body	Tuv Rheinland
Issuing Country	Germany
Environmental Claims	Promote the use of renewable energy

C2. Additional Green Product Certification (as per GGP Guideline 3.0)

Design Qualification	No

C3. Others Compliance with Government Requirement

Others Compliance with Government Requirement	-

Manufacturer Environmental Management

D1. Environmental Management System

Environmental Management System	No

D2. Energy Management System

Energy Management System	No

Get Product

Contact Person

Company Name	CA ENERGY SDN. BHD.
Primary Contact Person	
Contact Person's Name	Mr. Andrew Lim
Contact Person's Designation	Director
Contact Person's Phone Number	187892687
Contact Person's Email	cae.andrewlim@gmail.com
Secondary Contact Person	
Contact Person's Name	Mr. Nurhidayah binti Mahadi

Contact Person's Designation	Technical Manager
Contact Person's Phone Number	177161044
Contact Person's Email	cae.hidayah@gmail.com

Company Address

Address	NO. 41-2, PUSAT PERDAGANGAN ONE PUCHONG, JALAN OP 1/2, OFF JALAN PUCHONG, 47160 PUCHONG
City	PUCHONG
Postcode	47160
State	SELANGOR
Country	Malaysia
Phone Number	60358851517
Fax Number	-