



MyHIJAU Mark Product



Three Phase On-Grid Solar Inverter

DEFINE ENGINEERING SDN. BHD.

MyHP00538/25-006



General Information

A1. Product Classification

Category	Solar Energy System
Sub-category	PG-40 B Solar Inverter

A2. General Product Information

Product Name	Three Phase On-Grid Solar Inverter
Brand	INVT
Model	iMars XG12KTR-S
Product Type	PG-40 B Solar Inverter
Inverter Dimension (length x width x height)	481 x 390 x 190
Inverter Weight	13.5 kg
Operating Temperature Range	60 0C
Max DC Input Voltage	1100 VDC

Operating Volatge Range	200 V
Cooling Method	Natural
Relative Humidity	100 %
Protection Degree	IP66
Topology	Transformerless
Surge Protection Device	Yes
Special feature	Efficient Higher Revenue, Intelligent Simple O&M, Reliable Worry Free

A3. Manufacturer / Seller Information

Ownership

Manufacturer

Manufacturer name	-
Country of manufacturing	China
Manufacturer sales office	2nd Floor, Block B, INVT Guangming Technology Building, Songbai Road, Matian, Guangming District, Shenzhen, China
Manufacturer website	https://www.invt-solar.com
Contact person phone	+8613530058635
Contact person's email	solar@invt.com.cn

Distributor/Trader

Distributor/Trader name	DEFINE ENGINEERING SDN. BHD.
Manufacturer name	INVT Solar Technology (Shenzhen) Co Ltd
Country of manufacturing	China

Distributor sales office address	2nd Floor, Block B, INVT Guangming Technology Building, Songbai Road, Matian, Guangming District, Shenzhen, China
Distributor/Trader website	https://www.invt-solar.com
Contact person phone	+8613530058635
Contact person's email	solar@invt.com.cn
Made in Malaysia	No
Bumiputera	No
Registered with e-perolehan	No

A4. Recommended Retail Price (RRP)

Recommended retail price (RRP)	-
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Environment Specification

B1. Energy Performance

Inverter Efficiency	98.7 %
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B2. Hazardous Substance Content

Hazardous content complies with environmental standard.	Yes
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B3. Design for end-of-life

Design for recycled	No
User instruction for recycling is provided	No

B4. Product Longevity/ Life-cycle Extension

Product lifespan	10 year
Spareparts availability	10 year
Warranty period	Yes
Repairability Index	1 index value

B5. Packaging

Biodegradable	No
Compostable	No
Recyclable	Yes

B6. End-of-life Management

Take back policy	No
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Product Certifications & Standards

C1. MyHIJAU Mark

Listing Number	MyHP00538/25-006
Certified Date	13-10-2025
Expiry Date	12-10-2028
Compliance Category	Performance Standard Compliance
Certificate Scheme	IEC 61683:1999 - Photovoltaics systems-Power conditioners - measuring efficiency
Verification Body	TUV SUD Product Service GmbH
Issuing Country	Germany
Environmental Claims	Promote the use of renewable energy

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

Inverter Efficiency No

C3. Others Compliance with Government Requirement

Others Compliance with Government Requirement Not Applicable

C4. Environmental Management System

Environmental Management System Yes

C5. Energy Management System

Energy Management System Yes

Get Product

Sales Channel

Online / Company Website www..define.com.my

Contact Person

Company Name DEFINE ENGINEERING SDN. BHD.

Primary Contact Person

Contact Person's Name Mr. JET LOW

Contact Person's Designation DIRECTOR

Contact Person's Phone Number 122033878

Contact Person's Email finance@define.com.my

Secondary Contact Person

Contact Person's Name	Mr. LUIS YU
Contact Person's Designation	MANAGER
Contact Person's Phone Number	123043878
Contact Person's Email	finance@define.com.my

Company Address

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Country	-
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