

PT QUALIS INDONESIA

PT. QUALIS INDONESIA

Jl Padjajaran No.17 Gandasari, Jatiuwung, Kota Tangerang
Kota Tangerang, 15137

Telp: (021) 5565 2583



Module Detailed Specifications Form

General Information		
Applicant's Name		
Manufacturing Site(s) & Address(es)		
Authorized Person		
Phone / Fax		
E-mail		
Contact Person at the Manufacturing Site (if different from Applicant)	Name / Phone / Email	
Standard	☐ SNI IEC 61215-1:2016 ☐ SNI IEC 61215-1-1:2016 ☐ SNI IEC 61215-2:2016 ☐ IEC 61215-1-4:2016 (CIGS) ☐ IEC 61730-1:2016 ☐ IEC 61730-2:2016	☐ IEC 61215-1-1:2016 (c-si) ☐ IEC 61215-1-2:2016 (CdTe) ☐ IEC 61215-1-3:2016 (a-si) ☐ Others: _____

PT QUALIS INDONESIA	
PT. QUALIS INDONESIA Jl Padjajaran No.17 Gandasari, Jatiuwung, Kota Tangerang Kota Tangerang, 15137 Telp: (021) 5565 2583	

Test procedure	☐ Test report ☐ PT Qualis Indonesia Mark ☐ CB Scheme ☐ Non-standard test method / customized
----------------	---

Product Description, duplicate below table if more models

Product Detailed Information	Model 1 (Example)	Model 2	Model 3
Model name	ABC125-195		
Model dimensions [length x width x hight]	1580 x 808 x 35		
Model weight [kg]	16		
Prototype or mass product	mass product		

PT QUALIS INDONESIA

PT. QUALIS INDONESIA

Jl Padjajaran No.17 Gandasari, Jatiuwung, Kota Tangerang
Kota Tangerang, 15137

Telp: (021) 5565 2583



Application for CB certificate (Yes/No) (fire test required)	No		
Intendet for roof integration (Yes/No)	No		
Cells			
Cell technology (mono-Si, poly-Si)	mono-Si		
Cell dimensions [length x width]	125 x 125		
Cell thickness [μm]	200 $\pm$ 20		
Cell area [cm^2]	154,75		
Cell manufacturer	 Co.,Ltd		

PT QUALIS INDONESIA

PT. QUALIS INDONESIA

Jl Padjajaran No.17 Gandasari, Jatiuwung, Kota Tangerang
Kota Tangerang, 15137

Telp: (021) 5565 2583



Cell manufacturer location			
Total number of cells	72		
Number of cells in series	24		
Number of series strings	3		
Bypass Diode			
Bypass diode model name	10xxr		
Bypass diode manufacturer	 Co.,Ltd		
Number of bypass diodes	6		
Cells per bypass diode	24		

PT QUALIS INDONESIA

PT. QUALIS INDONESIA

Jl Padjajaran No.17 Gandasari, Jatiuwung, Kota Tangerang
Kota Tangerang, 15137

Telp: (021) 5565 2583



Bypass diode rating [A]	10		
Bypass diode max junction temperature [°C]	200		
Bypass diode thermal resistance from junction to case (Rthjc or Rthjl) [°C/W]	1,8		
Bypass diode location (e.g. – junction boxent, laminated)	Junction box		
Are the diodes accessible? (potted or not)	accessible		
Substrate (back sheet)			
Substrate model name	HK11		
Substrate manufacturer	 Co.,Ltd		

PT QUALIS INDONESIA

PT. QUALIS INDONESIA

Jl Padjajaran No.17 Gandasari, Jatiuwung, Kota Tangerang
Kota Tangerang, 15137

Telp: (021) 5565 2583



Substrate type (e.g. – Tedlar, TPE, TPT, Polyester, etc.)	<i>TPE</i>		
Substrate thickness – by layer [$\mu\text{m}/\mu\text{m}/\mu\text{m}$]	<i>30/250/60</i>		
Is the substrate approved for the partial discharge test? - (Yes/No)	<i>yes</i>		
RTI or (upper temperature limit) [$^{\circ}\text{C}$]	<i>120</i>		
Superstrate (front glass)			
Superstrate model name	<i>1574*802*3.2</i>		
Superstrate manufacturer	<i>..... CO.,LTD.</i>		

PT QUALIS INDONESIA

PT. QUALIS INDONESIA

Jl Padjajaran No.17 Gandasari, Jatiuwung, Kota Tangerang
Kota Tangerang, 15137

Telp: (021) 5565 2583



Superstrate type (e.g.– strengthened glass, tempered glass etc.)	<i>Tempered glass</i>		
Cell/String Connector			
Cell connector model name	<i>1.6mm</i>		
Cell connector manufacturer	<i>..... Co.,ltd.</i>		
Cell interconnect cross-sectional area [mm]	<i>Ribbon 1.6 x 0.18</i>		
String interconnect cross-sectional area [mm]	<i>Busbar 6 x 0.2</i>		
Frame			
Frame model name	<i>35mm</i>		
Frame manufacturer	<i>..... Co., LTD</i>		
Frame type/material	<i>6063-T5</i>		

PT QUALIS INDONESIA

PT. QUALIS INDONESIA

Jl Padjajaran No.17 Gandasari, Jatiuwung, Kota Tangerang
Kota Tangerang, 15137

Telp: (021) 5565 2583



Does the manufacturer intend to sell frameless modules (laminates)? – (Yes/No)	No		
Frame Adhesive			
Frame adhesive model name	TS-6568		
Frame adhesive manufacturer	 CO.,LTD.		
Mounting adhesive system used? - (Yes/No)	No		
Mounting designed for heavy snow load (5400 Pa)? – (Yes/No)	No		
Encapsulant			
Encapsulant model name	F806		

PT QUALIS INDONESIA

PT. QUALIS INDONESIA

Jl Padjajaran No.17 Gandasari, Jatiuwung, Kota Tangerang
Kota Tangerang, 15137

Telp: (021) 5565 2583



Encapsulant manufacturer		 Co.,Ltd		
Encapsulant type		crosslink		
Junction Box				
Junction box model name		PV-ZH23		
Junction box manufacturer		 Co.,Ltd		
Junction box type of terminations		C		
	A	wire or flying lead		
	B	tags, threaded studs, screws, etc.		
	C	connector		
Junction box approved? – (Yes/No)		Yes		

PT QUALIS INDONESIA

PT. QUALIS INDONESIA

Jl Padjajaran No.17 Gandasari, Jatiuwung, Kota Tangerang
Kota Tangerang, 15137

Telp: (021) 5565 2583



Junction box insulating material	PPO		
Junction box potting material, if any	No		
Is junction box intended for use with conduit?	Yes		
Connector			
Connector model name	PV-AB202		
Connector manufacturer	 Co.,Ltd		
Connector approved? – (Yes/No)	Yes		
Cable			
Cable model name	PV 1F 1*4.0mm2		
Cable manufacturer	 Co.,Ltd		

PT QUALIS INDONESIA

PT. QUALIS INDONESIA

Jl Padjajaran No.17 Gandasari, Jatiuwung, Kota Tangerang
Kota Tangerang, 15137

Telp: (021) 5565 2583



Cable approved? – (Yes/No)	Yes		
Junction Box backing adhesive			
Junction box backing adhesive model name	TS-2345		
Junction box backing adhesive manufacturer	 CO.,LTD.		