PLANNING PORTAL

You can use the Planning Portal to find the correct email address for your local planning authority.

www.planningportal.gov.uk/localauthoritysearch

Notification for Prior Approval for the Installation, Alteration or Replacement of other Solar Photovoltaics (PV) equipment on the Roofs of Non-domestic Buildings, up to a Capacity of 1 Megawatt, subject to certain limitations*

Town and Country Planning (General Permitted Development) (England) Order 2015 - Schedule 2, Part 14, Class J

*The right does not apply in relation to any roof slope which fronts a highway in conservation areas, National Parks, Areas of Outstanding Natural Beauty, the Broads and World Heritage Sites. Nor do they apply to Listed Buildings or on a building within the curtilage of a Listed Building or Scheduled Monuments.

Publication of notifications on planning authority websites

Please note that the information provided on this notification and in supporting documents may be published on the Authority's website. If you require any further clarification, please contact the Authority's planning department.

Please note: You need to download the form to complete it electronically. Please complete using block capitals and black ink if sending by post.

1. Developer Name and Address

Title:	Mr
First name:	DANNY
Last name:	MOLLINS
Company (optional):	EMERALD HOUSE GREEN ENG. LTD
Unit:	B
House number:	
House suffix:	
House name:	EMERALD HOUSE
Address 1:	UNIT B
Address 2:	BRAINTREE INDUSTRIAL ESTATE
Address 3:	BRAINTREE ROAD
Town:	RUISLIP
County:	
Country:	
Postcode:	HA4 0EJ

2. Agent Name and Address

Title:	Mr
First name:	DANNY
Last name:	MOLLINS
Company (optional):	EMERALD HOUSE GREEN ENG.
Unit:	B
House number:	
House suffix:	
House name:	EMERALD HOUSE
Address 1:	UNIT B
Address 2:	BRAINTREE INDUSTRIAL ESTATE
Address 3:	BRAINTREE ROAD
Town:	RUISLIP
County:	
Country:	
Postcode:	HA4 0EJ

3. Site Address Details

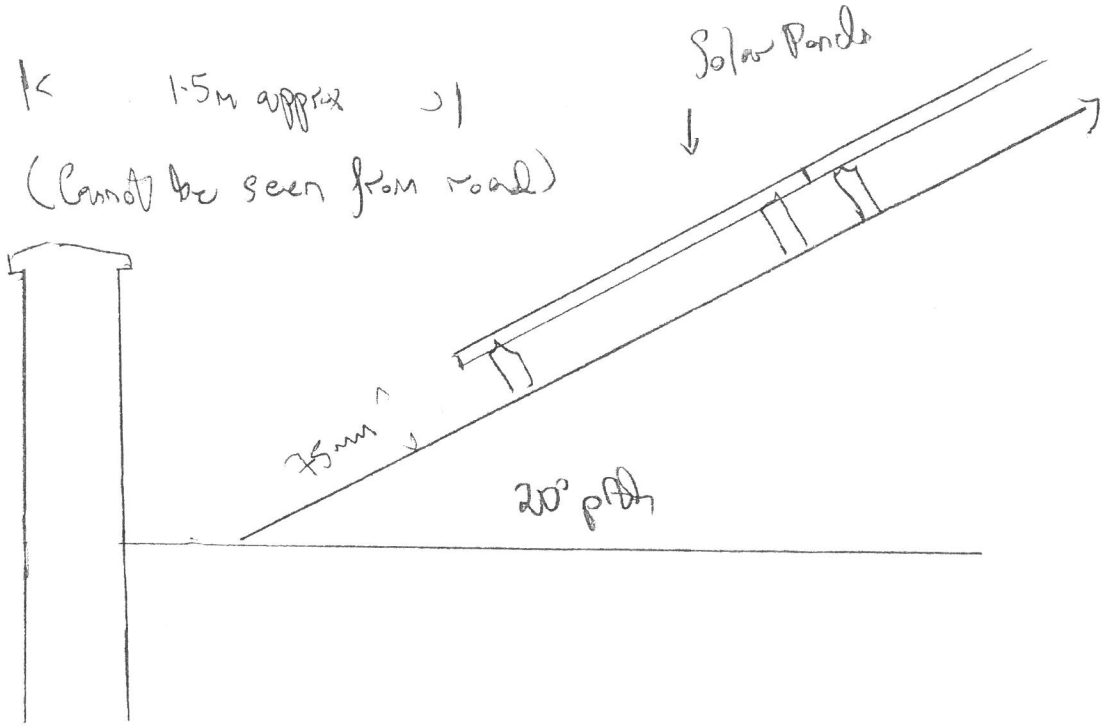
Please provide the full postal address of the application site.

Unit:	UNIT B
Building number:	
Building suffix:	
Building name:	EMERALD HOUSE
Address 1:	BRAINTREE INDUSTRIAL ESTATE
Address 2:	BRAINTREE ROAD
Address 3:	RUISLIP
Address 4:	
Postcode:	HA4 0EJ

Emerald House Solar PV V.1

4. Description of the Proposed Development

Please describe the proposed development, including relevant information covering the design and external appearance, in particular the impact of the glare on occupiers of neighbouring land:



IT IS OUR PROPOSAL TO INSTALL A SOLAR PV ARRAY PERMANENTLY FIXED TO THE PITCHED ROOF ON BOTH SIDES.

Will the solar PV equipment be installed on:

A pitched roof ☑

How much will protrude beyond the plane of the roof? (Measured from the perpendicular with the external surface of the roof slope)

Zero Metres

A flat roof ☐

What is the highest part of the solar PV equipment above the highest part of the roof? (excluding any chimney)

Zero Metres

What are the measurements from the solar PV equipment to the external edge of the roof?

1.5 metres & cannot be seen from below.

5. Checklist

Please read the following checklist to make sure you have sent all the information in support of your proposal. Failure to submit all information required could result in your notification being deemed invalid. It will not be considered valid until all information required by the Local Planning Authority has been submitted. Please note that as part of this procedure, if any objections are received the Local Planning Authority may require submission of further information at a later date.

All sections of this notification completed in full, dated and signed (typed signature if sent electronically). ☑

A plan indicating the site and showing the proposed development. A plan drawn to an identified scale will assist the authority in assessing your development proposal. Plans can be bought from one of our accredited suppliers using our Buy-a-Plan service (www.planningportal.gov.uk/buyaplan) ☑

Existing and proposed elevations and plans ☑

6. Declaration

I/we hereby apply for prior approval as described in this notification and the accompanying plans/drawings and additional information. I/we confirm that, to the best of my/our knowledge, any facts stated are true and accurate and any opinions given are the genuine opinions of the person(s) giving them.

Signed - Developer:	Or signed - Agent:	Date (DD/MM/YYYY):	
		17.06.22	(date cannot be pre-application)

7. Developer Contact Details

Telephone numbers

Country code:	National number:	Extension number:
0044	208 839 2640	

Country code:	Mobile number (optional):
	07771721437

Country code:	Fax number (optional):

Email address:

8. Agent Contact Details

Telephone numbers

Country code:	National number:	Extension number:
0044	208 839 2640	

Country code:	Mobile number (optional):
	07771721437

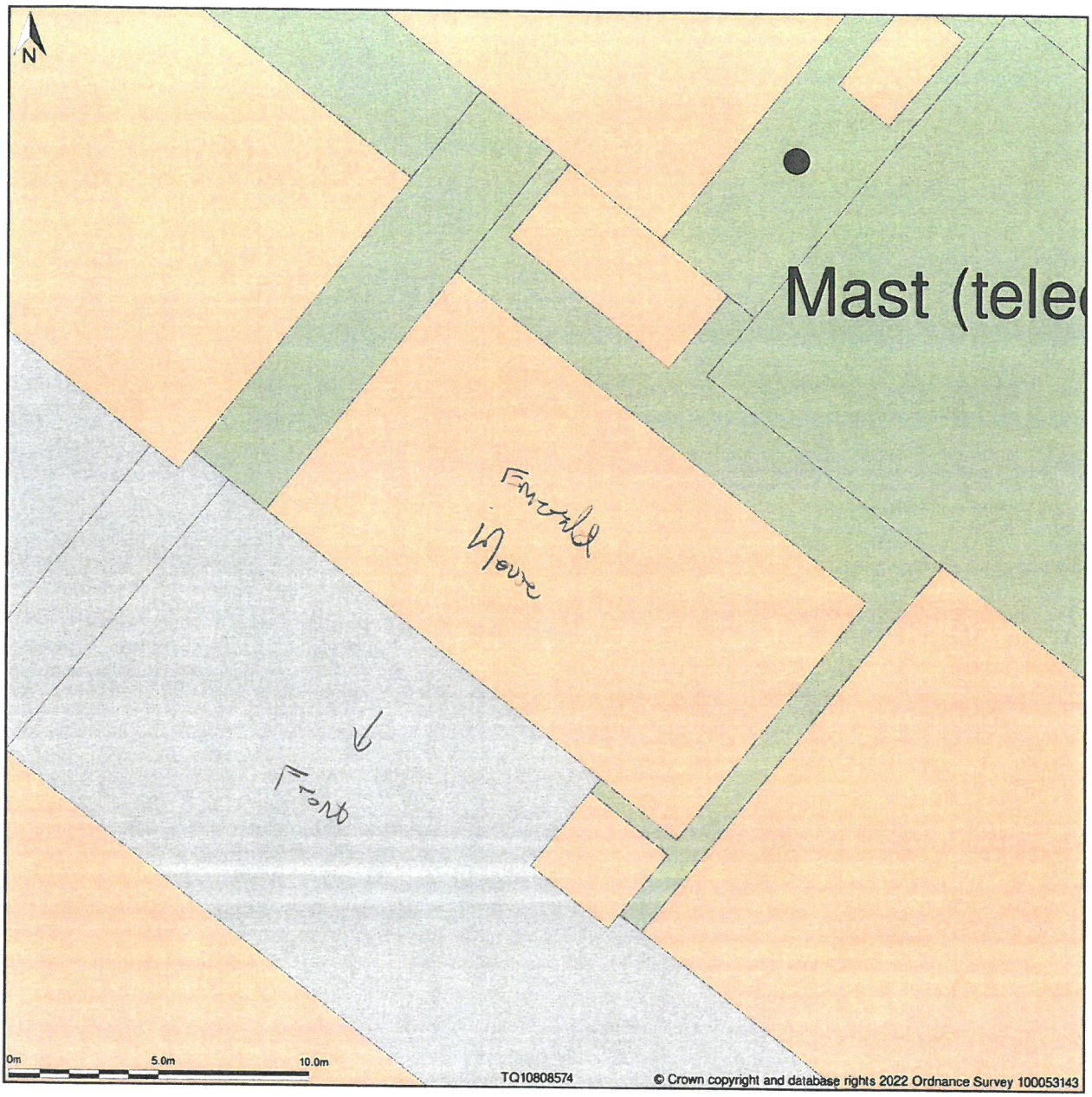
Country code:	Fax number (optional):

Email address: dmullins@etge.co.uk

Google

Buy A Plan
UK's Fastest and Easiest Planning Site

Suite D Block B, Braintree Industrial Estate, Braintree Road, Ruislip, Hillingdon, HA4 0EJ



Block Plan shows area bounded by: 510784.52, 185722.38 510820.52, 185758.38 (at a scale of 1:200), OSGridRef: TQ10808574. The representation of a road, track or path is no evidence of a right of way. The representation of features as lines is no evidence of a property boundary.

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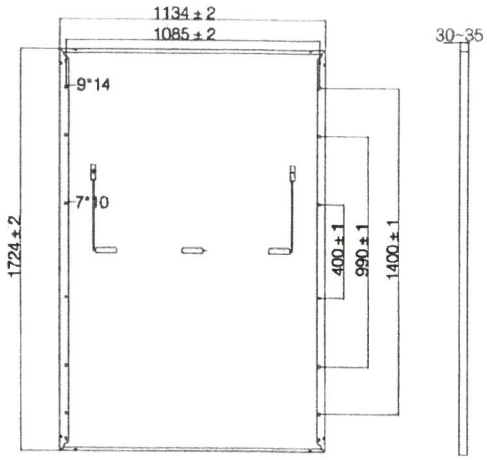
Electrical Characteristics (STC*)

Maximum Power at STC (Pmp)	395	400	405	410	415
Maximum Power Voltage (Vmp)	31.01	31.18	31.35	31.52	31.68
Maximum Power Current (Imp)	12.74	12.83	12.92	13.01	13.10
Open Cicuit Voltage (Voc)	37.04	37.21	37.38	37.55	37.71
Short Circuit Current (Isc)	13.58	13.67	13.76	13.83	13.94
Module Efficiency at STC (nm)	20.20%	20.46%	20.71%	20.97%	21.22%

STC: 1000W/m² irradiance, 25℃ cell temperature, AM 1.5g spectrum.
Power tolerance: ±5%



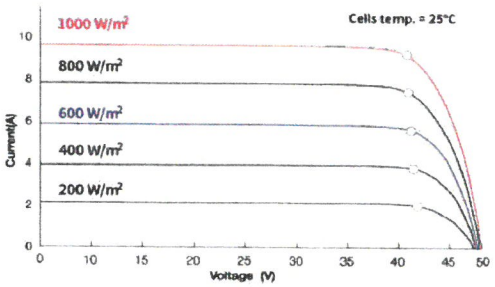
Electrical Characteristics (NMOT*)

Maximum Power at STC (Pmp)	290	294	298	301	305
Maximum Power Voltage (Vmp)	28.46	28.65	28.82	28.91	29.10
Maximum Power Current (Imp)	10.19	10.26	10.34	10.41	10.48
Open Cicuit Voltage (Voc)	34.26	34.42	34.58	34.73	34.88
Short Circuit Current (Isc)	10.95	11.02	11.09	11.16	11.24

NOCT: 800W/m² irradiance, 20℃ environment temperature, 1m/s wind speed.

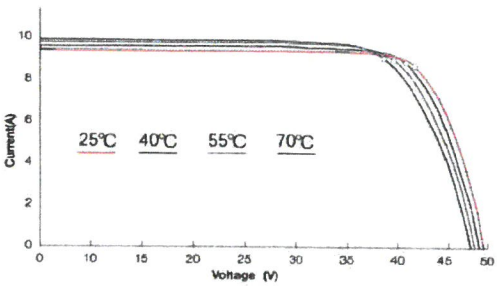
Mechanical Specifications

Solar Cells	PERC Mono crystalline 182×91mm
External Dimensions	1724×1134×35mm(L×W×H)
Front Glass	3.2mm AR coating tempered glass, low iron
Weight	20.8Kg
Output Cable	4.0 mm², cable length 1000mm
Connector	MC4 Compatible
Junction Box	IP 68, 3 diodes
Frame	Anodized aluminium alloy



Temperature Characteristics

Isc Temperature Coefficient	+0.048%/℃
Voc Temperature Coefficient	-0.31%/℃
Pmax Temperature Coefficient	-0.38%/℃
Nominal Operating Cell Temperature (NOCT)	43±2℃



Operating Characteristics

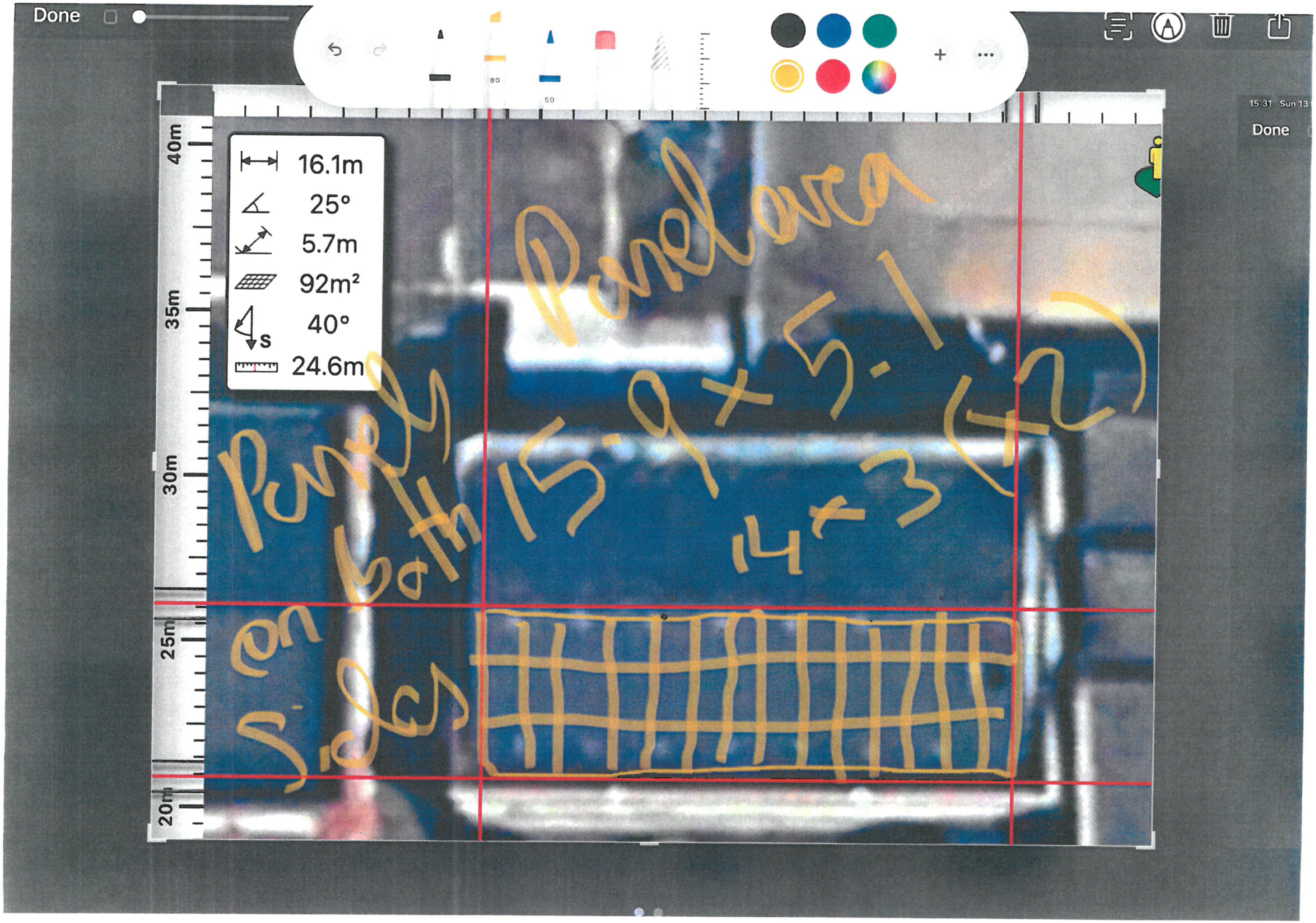
Max. system voltage	DC1500V
Limiting reverse current	25A
Operating temperature range	-40℃~85℃
Max. static load front (e.g., snow)	5400Pa
Max. static load back (e.g., wind)	2400Pa
Max. hailstone impact (diameter / velocity)	25mm / 23m/s

Package

Container	40'HQ
Panel Size(L×W×H)	1724×1134×35mm
Pieces Per Big Pallet	62
Big Pallets Per Container	13
2 Pieces Per Carton Package Inside Container	30 (2 Pieces×15 Cartons=Total 30 Pieces)
Total Pieces Per Container	836 (62×13+30=836)

Perlight Partners

Better Energy


Done
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15:31 Sun 13
16.1m
25°
5.7m
92m²
40°
24.6m
40m
35m
30m
25m
20m
Panel area
Panels on both sides
15.9 × 5.1
14 × 3 (x2)


1.0m
40°
1.1m
1.1m²
39°
33.3m
Lock
39°
Pin
Area
39°
Pitch
40°
Google
Standard
Satellite
Hybrid
1.0m
1.1m
33.3m


18.4m
40°
14.5m
266m²
40°
7.1m
Lock
40°
Pin
Area
Pitch
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7.1m
Google