

SAFEXPRESS
SAFETY EXPRESS

Distribution Redefined

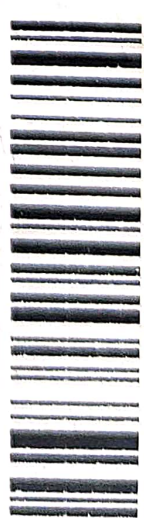
Terms & conditions
are mentioned on
the reverse side
(Scan QR Code).

Waybill No. 1000 2228 5276

Booking Branch BLS202

Pick Up Date 15/03/25 17:56

Ship Date 15/03/25


100022285276

GTY- Bhiwani- 01

Consignor

DHASH PY TECHNOLOGIES ...
BANGLADE DELIVERY
560099, 29A4F0D9917E12N, 8073381135

Consignee

GAUTAM SOLAR PRIVATE LIM...
7KM MILESTONE TOSHAM ROAD,
BHIWANI, KHERA, 127032

TOTAL BOX- 84

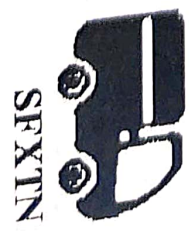
Sign | Name | Stamp | Date

Invoice List 2994

06A4F0C5884012S- 9314779724
G00G1H1L.00

DIM :- 3-41 x 41 x 50 | 1-41 x 41 x 29

Ewaybills- 132067747454	Freight Amt.	Credit	
	Total Inv. Value	2,122,444.80	
	Total Nos Of Inv.	1	CREDIT
DOD/DACC -	Pkg/Act Wt	4/1216	



Tax Invoice

e-Invoice



IRN : 8d619bef5452e232d45001513b755c61e0bb5173faec-3ab0e1f7fab2d9182869
 Ack No. : 112524173194262
 Ack Date : 15-Mar-25

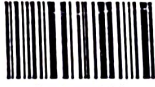
DHASH PV TECHNOLOGIES LIMITED Plot No - 110D, 8th Cross, Phase-II, Bommasandra India Area, Bangalore - 560099, India GSTIN/UIN: 29AAFCD9917R1ZN State Name : Karnataka, Code : 29 E-Mail : info@dhashtec.com				Invoice No. ... e-Way Bill No.		Dated	
				2994		15-Mar-25	
Consignee (Ship to) 9289350480 Gautam Solar Pvt Ltd -Haryana 7KM MILESTONE TOSHAM ROAD DIST BHIWANI BHIWANI BAWANI KHERA HARYANA-127032 GSTIN/UIN : 06AAFCG5884Q1ZS State Name : Haryana, Code : 06				Delivery Note		Mode/Terms of Payment	
						30 Days	
Buyer (Bill to) Gautam Solar Pvt Ltd -Haryana 7KM MILESTONE TOSHAM ROAD DIST BHIWANI BHIWANI BAWANI KHERA HARYANA-127032 GSTIN/UIN : 06AAFCG5884Q1ZS State Name : Haryana, Code : 06				Reference No. & Date.		Other References	
				dt. 15-Mar-25		GSPL-25-26-22 DT 08.02.2025	
				Buyer's Order No.		Dated	
				GSPL-25-26-22 DT 08.02.2025		15-Mar-25	
				Dispatch Doc No.		Delivery Note Date	
				Dispatched through		Destination	
				Terms of Delivery			
				Cip			
				(84) BOX			
Sl No.	Description of Goods	HSN/SAC	Part No.	Quantity	Rate	per	Amount
1	DhaSh Tr.O JB - 30A With 0.3 Meter	85359040	DSJB12c-0.3M Pro	10,080.0000 Nos	188.00	Nos	18,95,040.00
	Output IGST @ 12%						2,27,404.80
	Total			10,080.0000 Nos			₹ 21,22,444.80
Amount Chargeable (in words)							E. & O.E
INR Twenty One Lakh Twenty Two Thousand Four Hundred Forty Four and Eighty paise Only							
HSN/SAC				Taxable Value	IGST		Total
85359040				18,95,040.00	Rate	Amount	Tax Amount
					12%	2,27,404.80	2,27,404.80
Total				18,95,040.00		2,27,404.80	2,27,404.80
Tax Amount (in words) : INR Two Lakh Twenty Seven Thousand Four Hundred Four and Eighty paise Only							
Declaration Our Udyog Aadhaar Number - KR03B0034871 & National Industry Classification Code - 35105 as per MSME Registration. MSME act strictly mandating buyers to pay their vendors within agreed days. We are bringing into your notice that if you fail to make the payment within 45 days we will launch an online complaint of delayed payments in the MSME Samadhaan portal launched by MSME Ministry. Interest will be charged at 18% PA for the delayed payments.							
				Company's Bank Details Bank Name : ICICI Bank Limited CCA(A/C No.316951000021) A/c No. : 316951000021 Branch & IFS Code : Bommasandra & ICIC0003169 for DHASH PV TECHNOLOGIES LIMITED			
				Authorised Signatory			

SUBJECT TO BENGALURU JURISDICTION

This is a Computer Generated Invoice

SAFE-EXP

Part - A Slip

Unique No.	1320 6774 7454
Entered Date	15/03/2025 01:29 PM
Entered By	29AAF CD991 7R1ZN - DHASH PV TECHNOLOGIES LIMITED
Valid From:	Not Valid for Movement as Part B is not entered [2311Kms]
Part - A	
GSTIN of Supplier	29AAFCD9917R1ZN,DHASH PV TECHNOLOGIES LIMITED
Place of Dispatch	Bengaluru Urban,KARNATAKA-560099
GSTIN of Recipient	06AAF CG588 4Q1ZS ,GAUTAM SOLAR PRIVATE LIMITED
Place of Delivery	HARYANA,HARYANA-127032
Document No.	2994
Document Date	15/03/2025
Transaction Type:	Bill To - Ship To
Value of Goods	2122444.8
HSN Code	85359040 - DHASH TRIO JB 30A WITH 0.3M
Reason for Transportation	Outward - Supply
Transporter	88AAECS4363H1ZA & SAFEXPRESS PRIVATE LTD.
 132067747454	

Note*: If any discrepancy in information please try after sometime.

Packing List

DhaSh PV Technologies Limited

Plot No. 110-D, 8th Cross, Phase-II, Bommasandra Indl Area
Bangalore - 560 099, GSTN: 29AAFCD9917R1ZN

To,
Gautam Solar Private Limited

Invoice No : 2994

Date : 15.03.2025

Total Qty : 10080

SI NO	Part No.	Description	Qty/ Box	NO OF BOX	QTY
1	DSJB12C-0.3M PRO	POSITIVE SIDE TRIO JB	120	84	10080
2	DSJB12C-0.3M PRO	NEGATIVE SIDE TRIO JB	120		10080
3	DSJB12C-0.3M PRO	MIDDLE JB	120		10080
4	DSJB12C-0.3M PRO	LIDS	360		30240
TOTAL NO OF BOXES :- 84 BOXES					



Authorised Signatory

DhaSh PV Technologies Limited

Plot No-110D, 8th cross, Phase-II, Bommasandra Indl. Area, Bangalore-560099

Tel: +91 80 4865 7676, Email: info@dhashtec.com Website: www.dhashtec.com

SAFEXPRESS

Terms & conditions
are mentioned on
the reverse side
(Scan QR Code).

Distribution Redefined

Consignor

REALITY CHEMICALS SOLUTI...

BAR004

391775, 244ALCR6567R12D, 9624855562

Invoice List

GST/840

Consignee

GAUTAM SOLAR PRIVATE LIM...
7KM MILESTONE, TOSHAM ROAD,
DIST. BHIWANI, BAWANI KHERA
, BHIWANI, 127032

0664F0C58840125- 9311797249
PURCHASE@GAUTAMSOLAR.COM

Waybill No.

1000 2231 5782

Booking Branch

BAR53

Pick Up Date

17/03/25 16:39

Ship Date

17/03/25



100022315782

GTY- Bhiwani- 01

Sign | Name | Stamp | Date

DIM :-20-16 x 10 x 9

E- Waybill601874333634

Freight Amt.

Credit

Total Inv. Value

129,800.00

Total Nos Of Inv.

1

CREDIT

Pkg/Act Wt

20/442



SAFEX

Unit-2, 88, Shiv Industrial, Near GIDC, Manjusar-Savali, Vadodara-391 775
Reg. Office: C-504, Vraj Vatika, Bill, Vadodara, Gujarat-391 410, India
E-mail : realitychemicals@yahoo.com, Website : www.pcbfluxchemicals.com

M/s. Galutani Solar Private Limited
74m milestone, Tosham Road Dist
Bhikuni Balam, Khera Kalyani

Challan No.: 897

Date : 12.03.2025

Order No. : GSPL-25-26/196

Date : 12.03.2025

Sr. No.	Description	Qty.	Value Rs.
01.	RCPV FLUX 44m 20 cartons X 25 Ltr GST/840 GST No. : 24AALCR6567R1ZD	500 Ltr	

Terms & Conditions :

(1) Subject to Baroda Jurisdiction only. (2) We are not responsible for breakage short age & Leakage in transit. (3) Goods Once sold will not be taken back. (4) Goods Receive in good condition.

S. R. G. M.

Receiver's Signature with Rubber Stamp

For **Reality** Chemicals Solutions Pvt. Ltd.

Tax Invoice
GST/840

Invoice From

Reality Chemicals Solutions Pvt. Ltd.
PLOT NO. 88/A, SHIV INDUSTRIAL INFRA
PARK, Sama Savli Road, LAMDAPURA, GIDC
Savli, Vadodara.
VADODARA (Gujarat- 24)
India - 391775
Contact Person: RUSHIKESH SOLANKI
Email: rushi.rcspl007@yahoo.com
Contact No: 9624855562
GSTIN: 24AALCR6567R1ZD

Invoice To

GAUTAM SOLAR PRIVATE LIMITED
7KM Milestone, Tosham Road,
Dist.Bhiwani,Bawani Khera,Bhiwani,Haryana.
Bhiwani (Haryana)
India - 127032
Email: purchase@gautamsolar.com
Contact No: 9311797249
GSTIN: 06AAFCG5884Q1ZS
Place of Supply: Bhiwani, Haryana (6)

Shipped To

GAUTAM SOLAR PRIVATE LIMITED
7KM Milestone, Tosham Road,
Dist.Bhiwani,Bawani Khera,Bhiwani,Haryana.
Bhiwani (Haryana)
India - 127032
GSTIN : 06AAFCG5884Q1ZS

Delivery Note :
CHALLAN NO/897

Invoice Details

IRN Number d7db1b7fefcb9fba5dc44f544b9a34d58d92c9bdaa364733f6b34739738f457c
Ack. No 162520093052018
Invoice Number GST/840
PO Number GSPL-25-26196
OC Number OC00220
Payment Terms NET 30
Logistic Details SAFE EXPRESS - PAID BAWANI KHERA - DOOR DELIVERY
Ack. Date 17/03/2025
Invoice Date 17/03/2025
PO Date 17/03/2025
OC Date 17/03/2025
Payment Date 16/04/2025

#	Description	HSN/SAC Code	Quantity	Rate	Taxable Amount	IGST Rate Amount	Total
1	RC PV 44M FLUX Item ID: RCPV 20CARBOY X 25 LTR	38101010	500.00 LTR	₹220.00	₹1,10,000.00	18% ₹19,800.00	₹1,29,800.00

Invoice Amount One Lakh, Twenty-Nine Thousand, Eight Hundred Rupees and
Zero Paise Only
IGST Payable Nineteen Thousand, Eight Hundred Rupees and Zero Paise Only
Amount One Lakh, Twenty-Nine Thousand, Eight Hundred Rupees and
Zero Paise Only

Total (before Tax): ₹1,10,000.00

CGST	SGST	IGST	Cess
₹0.00	₹0.00	₹19,800.00	₹0.00

Total Tax : ₹19,800.00

Grand Total : ₹1,29,800.00

Terms And Conditions:

This is a computer generated document

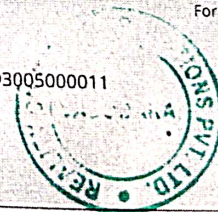
Bank Details

Bank Name: ICICI BANK
Branch: GOTRI, VADODARA
SWIFT Code: -

A/C Name: Reality Chemicals
Solutions Pvt Ltd
IFSC: ICIC0004930

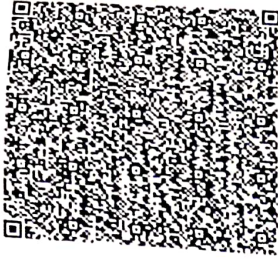
A/C Number: 493005000011
MICR: -

For Reality Chemicals Solutions Pvt. Ltd.



Authorised Signatory

E-Invoice QR Code:



Bank Details

Bank Name: ICICI BANK

Branch: GOTRI, VADODARA

SWIFT Code: -

A/C Name: Reality Chemicals
Solutions Pvt Ltd

IFSC: ICIC0004930

A/C Number: 493005000011

MICR: -

For Reality Chemicals Solutions Pvt. Ltd.



Authorised Signatory

Invoice From

Reality Chemicals Solutions Pvt. Ltd.
PLOT NO. 88/A, SHIV INDUSTRIAL INFRA
PARK, Sama Savli Road, LAMDAPURA, GIDC
Savli, Vadodara.
VADODARA (Gujarat- 24)
India - 391775
Contact Person: RUSHIKESH SOLANKI
Email: rushi.rcspl007@yahoo.com
Contact No: 9624855562
GSTIN: 24AALCR6567R1ZD

Invoice To

GAUTAM SOLAR PRIVATE LIMITED
7KM Milestone, Tosham Road,
Dist.Bhiwani,Bawani Khera,Bhiwani,Haryana.
Bhiwani (Haryana)
India - 127032
Email: purchase@gautamsolar.com
Contact No: 9311797249
GSTIN: 06AAFCG5884Q1Z5
Place of Supply: Bhiwani, Haryana (6)

Shipped To

GAUTAM SOLAR PRIVATE LIMITED
7KM Milestone, Tosham Road,
Dist.Bhiwani,Bawani Khera,Bhiwani,Haryana.
Bhiwani (Haryana)
India - 127032
GSTIN : 06AAFCG5884Q1Z5

Delivery Note :
CHALLAN NO/897

Invoice Details

IRN Number d7db1b7fefcb9fba5dc44f544b9a34d58d92c9bdaa364733f6b34739738f457c
Ack. No 162520093052018
Invoice Number GST/840
PO Number GSPL-25-26196
OC Number OC00220
Payment Terms NET 30
Logistic Details SAFE EXPRESS - PAID BAWANI KHERA - DOOR DELIVERY

Ack. Date 17/03/2025
Invoice Date 17/03/2025
PO Date 17/03/2025
OC Date 17/03/2025
Payment Date 16/04/2025

#	Description	HSN/SAC Code	Quantity	Rate	Taxable Amount	IGST Rate	IGST Amount	Total
1	RC PV 44M FLUX Item ID: RCPV 20CARBOY X 25 LTR	38101010	500.00 LTR	₹220.00	₹1,10,000.00	18%	₹19,800.00	₹1,29,800.00

Invoice Amount One Lakh, Twenty-Nine Thousand, Eight Hundred Rupees and
Zero Paise Only
IGST Payable Nineteen Thousand, Eight Hundred Rupees and Zero Paise Only
Amount One Lakh, Twenty-Nine Thousand, Eight Hundred Rupees and
Zero Paise Only

Total (before Tax) : ₹1,10,000.00

CGST	SGST	IGST	Cess
₹0.00	₹0.00	₹19,800.00	₹0.00

Total Tax : ₹19,800.00

Grand Total : ₹1,29,800.00

Terms And Conditions:

This is a computer generated document

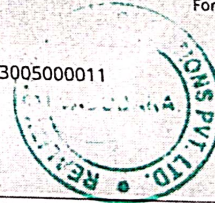
Bank Details

Bank Name: ICICI BANK
Branch: GOTRI, VADODARA
SWIFT Code: -

A/C Name: Reality Chemicals
Solutions Pvt Ltd
IFSC: ICIC0004930

A/C Number: 493005000011
MICR: -

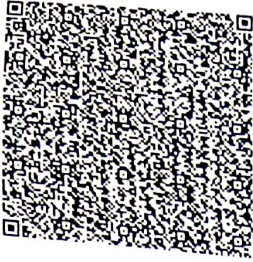
For Reality Chemicals Solutions Pvt. Ltd.



Authorised Signatory

Transporter
Tax Invoice
GST/840

E-Invoice QR Code:



Bank Details

Bank Name: ICICI BANK

Branch: GOTRI, VADODARA

SWIFT Code: -

A/C Name: Reality Chemicals
Solutions Pvt Ltd
IFSC: ICIC0004930

A/C Number: 493005000011

MICR: -

For Reality Chemicals Solutions Pvt. Ltd.



[Signature]

Authorised Signatory



E-Way Bill No: 601874333634
E-Way Bill Date: 17-03-2025 04:27:00 PM
Generated By: 24AALCR6567R1ZD - Reality Chemicals Solutions Pvt. Ltd.
Valid From: 17-03-2025 04:26:45 PM [1040Kms]
Valid To: -

Part A

GSTIN of Supplier: 24AALCR6567R1ZD Reality Chemicals Solutions Pvt. Ltd.
Place of Dispatch: VADODARA Gujarat 391775
GSTIN of Recipient: 06AAFCG5884Q1ZS GAUTAM SOLAR PRIVATE LIMITED
Place of Delivery: Bhiwani Haryana 127032
Document No: GST/840
Document Date: 17-03-2025
Transaction Type: Regular
Value of Goods: 129800
HSN Code: 38101010
Reason for Transportation: Outward - Supply
Transporter: 88AAECS4363H1ZA



601874333634

CERTIFICATE OF ANALYSIS

ISO 9001:2015

CERTIFICATE NO. 221QLU07

INVOICE NO.
SAMPLE
GRADE

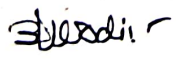
GST/840
RC PV FLUX 44 M
PURE, Technical

BATCH NO

RC PV 44M/17

MFG. DATE

17.03.2025

SI NO	TEST PARAMETERS	UNITS	RESULTS	TEST METHODS	PRESCRIBED
1	SPECIFIC GRAVITY	-	0.801	Gravimetric Method	0.8-0.81g/ml
2	FLUX SOLIDS/ NON VOLITILE MATTER	%	1.8	IPC-TM-650, No.2.3.34	2.5 max.
3	ACIDITY VALUE	mg KOH/g	29	IPC-TM-650, No.2.3.13	30 max
4	HALIDE CONTENT				
4.1	CHLORIDE	mg/l	BLQ(LOQ-1.0)	Ion chromatography	<1000 ppm
4.2	FLUORIDE	mg/l	BLQ(LOQ-1.0)	Ion chromatography	<1000 ppm
4.3	BROMIDE	mg/l	BLQ(LOQ-1.0)	Ion chromatography	<1000 ppm
4.4	IODIDE	mg/l	BLQ(LOQ-1.0)	Ion chromatography	<1000 ppm
5	CORROSION TEST		No Corrosion	IPC-TM-650, No.2.6.15	-
6	REFRACTOMETER READING		29		25 TO 35
Analyze By: 		Checked By: 		Client Name	GAUTAM SOLAR PRIVATE LIMITED
				PO NO.	GST-25-26-196

Unit-1, 7, Bhagwati Estate, B/h. Bavari Kumbharwada, Pratap Nagar Vadodara - 390 004

Unit-2, 88, Shiv Industrial Infrastructure Park, Nirma Canal Road, Near GIDC, Manjusr-Savali, Vadodara, Gujarat 391 775

Reg. Office: C-504, Viraj Vatika, Bill, Vadodara, Gujarat-391-410, India

Mobile: 9825978562, 8980444562 Email: realitychemicals@yahoo.com

Website: WWW.PCBFLUXCHEMICALS.COM

CIN: U24200GJ2022PTC129464



Pre-Delivery Inspection & COC Report

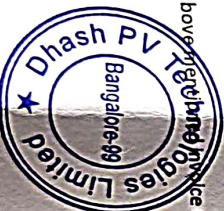
Customer Name	Gautam Solar
Customer Part No	NA
Dhash Part No	DSJB12v
Part Description	Dhash THIO JB (Inner lock) 1500VDC with Resistance Welded Cable for Solar Module
Cable Length (mtr.)	0.3
Diode Part No.	DS5045T
Qty.	10080 sets
Invoice No	2994

Date of Inspection	15.03.2025
Production Order No	H0329
PV Connector Rating	1500V DC / 35A
JB Rated Current	30A
Cable Rated Voltage	≥1.5KV DC
Connector Resistance	≤0.5mΩ
Cable Resistance	≤5.09mΩ/mtr. @ 20°C (1C x 4sq.mmm)
Diode Rated Current	50A
IP Class	IP68

Sl. No.	Parameter	Specification	Observed Value	Result (Pass / Fail)
1	FG cable length	300mm(+/-10mm)	S1 302 S2 303 S3 304 S4 305 S5 306	Pass
2	Reverse Test of Individual Diodes @ VRRM=45V	Reverse Leakage Current <200μA	44.32 39.44 41.36 46.79 49.48	Pass
3	Overall JB Resistance with Cables & Connectors (values recorded with 0.3 mtr. Cable)	<5mΩ (with 0.3m) @ 20°C	4.48 4.35 4.55 4.79 4.61	Pass
4	PV Connector withdrawal force (when in mated condition)	>80N (for connectors with locking/snap-in device as per IEC 62852)	170.22 171.49 169.45 172.65 173.88	Pass
5	Fitment & Matching between lid & housing	Properly locked, no gaps/lifting after locking	OK OK OK OK OK	Pass
6	FG appearance	Visual	OK OK OK OK OK	Pass
7	Packing Condition	Visual	OK OK OK OK OK	Pass
8	Packing Qty / Box	120 Sets	120 120 120 120 120	Pass

Declaration : We here by certify that solar junction boxes supplied under the above mentioned invoice number have been produced as per IEC 62790:2020/ EN 62790:2020 standard.

Prepared By : Vinesh
Sign : Vinesh
Date : 15.03.2025



Approved By : Quality manager
Sign : [Signature]
Date : 15.03.2025

Annexure-I: -

List of some Non-Compatible Chemicals for MC4 Connectors shared below: -

Table-I: -

Table-1	
Chemical Name	Influence
Solvent-resistance	Avoid direct contact, else will cause connector cracking.
KE-200, CX-200, Chemlok Sticky adhesive and Sealant can produce oxime gas	Avoid direct contact, else will cause connector cracking.
TBP (Plasticizer)	Avoid direct contact, else will cause connector cracking.
Acetone	Avoid direct contact, else will cause connector cracking.
Machine Oil (KV46)	Avoid direct contact, else will cause connector cracking.
Mould temperature oil	Avoid direct contact, else will cause connector cracking.
Antirust Oil	Avoid direct contact, else will cause connector cracking.
Alcohol	Avoid direct contact, else will generate a slight skin on connector surface.
Gasoline	Avoid direct contact, else will generate a slight skin on connector surface
Grease (Molykote EM-50L)	Avoid direct contact, else will generate a slight skin on connector surface
White flower oil	Avoid direct contact, else will generate a slight skin on connector surface

Table-II: -

Acid, Mineral	+	Nonyl alcohol	-
Boric acid	+	Octyl alcohol	+
Hydrogen chloride 20%	-	Oxydiethanol 2.2	-
Hydrogen chloride 25%	+	Phenethyl alcohol	-
Hydrogen fluoride 25%	-	Polyalkylene glycol	+
Nitric acid 70%	-	Polyethylene glycol	-
Perchloric acid	-	Propylene glycol	+
Phosphorus pentoxide dry	+	Sorbitol	-
Phosphoric acid 1%	+	Thiodiglycol 5%	+
Phosphoric acid 10%	-	Triethylene glycol	-
Phosphorus pentachloride	+	Tripropylene glycol	-
Sulfuric acid 50%	+	Aldehyde	
Sulfuric acid 70%	-	Acetaldehyde	-
Sulfurous acid 5%	-	Butyraldehyde	-
Acid, Organic		Formaldehyde solvent 37%	+
Acetic anhydride	-	Formalin	+
Formic acid concentrate	-	Propionaldehyde	-
Gallic acid	+	Amide	
Maleic acid	+	Dimethylformamide	-
Mercapto acetic acid	-	Amine	
Murismic acid 20%	+	Aniline	-
Murismic acid 25%	-	Diphenylamine	-
Oleic acid	+	Methylaniline N	-
Palmitic acid	+	Methylene dianiline	-
Phenol sulfonic acid	-	Phenylhydrazine	-
Phenoxyacetic acid	+	Pyridine	+
Phthalic anhydride	+	Triethanolamine	+
Salicylate acid	+	Hydroxylamine	-
Tannic acid	+	Base	
Tannic acid 20%	-	Aluminium hydroxide powder	+
Thiodiacetic acid	+	Ammonia concentrate	-
Trichloroacetic acid 10%	-	Ammonium hydroxide 0.13%	-
5% Sulfamine acid	0	Calcium hydroxide	-
Alcohol		Potassium hydroxide 10%	+
Allyl alcohol	-	Sodium hydroxide dry	-
Amyl alcohol	-	Sodium hydroxide 10%	+
Butoxyethanol	-	Sodium thotalamate	-
Chlorethanol 2	-	Ester	
Decyl alcohol	-	Benzyl benzoate	-
Dodecyl alcohol	-	Butyl cellosolve acetate	-
Ethanol	-	Butyl stearate	-
Ethyl glycol 100%	-	Cello acetobutyrate	-
Ethyl glycol 60%	+	Cellulose acetate	-
Furfuryl alcohol	-	Cellulose propionate	-
Glycerine	+		
Hepthyl alcohol	-		
Isobutanol	0		

Annexure-I: -

List of some Non-Compatible Chemicals for MC4 Connectors shared below: -

Table-I: -

Chemical Name	Influence
Solvent-resistance	Avoid direct contact, else will cause connector cracking.
KE-200, CX-200, Chemlok Sticky adhesive and Sealant can produce oxime gas	Avoid direct contact, else will cause connector cracking.
TBP (Plasticizer)	Avoid direct contact, else will cause connector cracking.
Acetone	Avoid direct contact, else will cause connector cracking.
Machine Oil (KV46)	Avoid direct contact, else will cause connector cracking.
Mould temperature oil	Avoid direct contact, else will cause connector cracking.
Antirust Oil	Avoid direct contact, else will generate a slight skin on connector surface.
Alcohol	Avoid direct contact, else will generate a slight skin on connector surface
Gasoline	Avoid direct contact, else will generate a slight skin on connector surface
Grease (Molykote EM-50L)	Avoid direct contact, else will generate a slight skin on connector surface
White flower oil	Avoid direct contact, else will generate a slight skin on connector surface
Activating collaterals oil	Avoid direct contact, else will generate a slight skin on connector surface

Annexure-I: -

List of some Non-Compatible Chemicals for MC4 Connectors shared below: -

Table-I: -

Table-1	
Chemical Name	Influence
Solvent-resistance	Avoid direct contact, else will cause connector cracking.
KE-200, CX-200, Chemlok Sticky adhesive and Sealant can produce oxime gas	Avoid direct contact, else will cause connector cracking.
TBP (Plasticizer)	Avoid direct contact, else will cause connector cracking.
Acetone	Avoid direct contact, else will cause connector cracking.
Machine Oil (KV46)	Avoid direct contact, else will cause connector cracking.
Mould temperature oil	Avoid direct contact, else will cause connector cracking.
Antirust Oil	Avoid direct contact, else will cause connector cracking.
Alcohol	Avoid direct contact, else will generate a slight skin on connector surface.
Gasoline	Avoid direct contact, else will generate a slight skin on connector surface
Grease (Molykote EM-50L)	Avoid direct contact, else will generate a slight skin on connector surface
White flower oil	Avoid direct contact, else will generate a slight skin on connector surface
Activating collaterals oil	Avoid direct contact, else will generate a slight skin on connector surface

Table-II: -

Acid, Mineral			Nonyl alcohol	-
Boric acid	+		Octyl alcohol	+
Hydrogen chloride 20%	+		Oxydiethanol 2.2	-
Hydrogen chloride 25%	-		Phenethyl alcohol	-
Hydrogen fluoride 25%	+		Polyalkylene glycol	+
Nitric acid 70%	-		Polyethylene glycol	-
Perchloric acid	-		Propylene glycol	+
Phosphorus pentoxide dry	+		Sorbitol	-
Phosphonic acid 1%	+		Thiodiglycol 5%	+
Phosphonic acid 10%	-		Triethylene glycol	-
Phosphorus pentachloride	+		Tripropylene glycol	-
Sulfuric acid 50%	+			
Sulfuric acid 70%	-		Aldehyde	
Sulfurous acid 5%	-		Acetaldehyde	-
			Butyraldehyde	+
Acid, Organic			Formaldehyde solvent 37%	+
Acetic anhydride	-		Formalin	-
Formic acid concentrate	-		Propionaldehyde	-
Gallic acid	+			
Maleic acid	+		Amide	
Mercapto acetic acid	-		Dimethylformamide	-
Muritic acid 20%	+			
Muritic acid 25%	-		Amine	
Oleic acid	+		Aniline	-
Palmitic acid	+		Diphenylamine	-
Phenol sulfonic acid	-		Methylaniline N	-
Phenoxyacetic acid	+		Methylene dianiline	-
Phthalic anhydride	+		Phenylhydrazine	-
Salicylate acid	+		Pyridine	-
Tannic acid	+		Triethanolamine	+
Tannic acid 20%	-		Hydroxylamine	+
Thiodiacetic acid	+			
Trichloroacetic acid 10%	-		Base	
5% Sulfamine acid	0		Aluminium hydroxide powder	+
			Ammonia concentrate	-
Alcohol			Ammonium hydroxide 0.13%	-
Allyl alcohol	-		Calcium hydroxide	-
Amyl alcohol	-		Potassium hydroxide 10%	-
Butoxyethanol	-		Sodium hydroxide dry	+
Chlorethanol 2	-		Sodium hydroxide 10%	-
Decyl alcohol	-		Sodium thotalamate	+
Dodecyl alcohol	-			
Ethanol	-		Ester	
Ethyl glycol 100%	-		Benzyl benzoate	-
Ethyl glycol 60%	+		Butyl cellosolve acetate	-
Furfuryl alcohol	-		Butyl stearate	-
Glycerine	+		Cello acetobutyrate	-
Hepthyl alcohol	-		Cellulose acetate	-
Isobutanol	0		Cellulose propionate	-

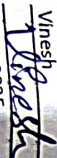
Pre-Delivery Inspection & COC Report

Customer Name	Gautam Solar
Customer Part No	NA
Dhash Part No	DSJB12V
Part Description	Dhash TRIO JB (inner lock) 1500VDC with Resistance Welded Cable for Solar Module
Cable Length (mtr.)	0.3
Diode Part No.	DS5045T
Qty.	10080 sets
Invoice No	2994

Date of Inspection	15.03.2025
Production Order No	H0329
PV Connector Rating	1500V DC / 35A
PV Connector Current	30A
JB Rated Voltage	≥1.5KV DC
Cable Rated Voltage	≤0.5mΩ
Connector Resistance	55.09mΩ/mtr. @ 20°C (L.C. 4sq mm)
Cable Resistance	50A
Diode Rated Current	IP68
IP Class	

Sl. No.	Parameter	Specification	Observed Value					Result
1	FG cable length	300mm(+/-10mm)	S1	S2	S3	S4	S5	(Pass/Fail)
2	Reverse Test of Individual Diodes @VRM=45V	Reverse Leakage Current <20μA	302	303	304	305	306	Pass
3	Overall JB Resistance with Cables & Connectors (values recorded with 0.3 mtr. Cable)	<5mΩ (with 0.3m) @ 20°C	44.32	39.44	41.36	46.79	49.48	Pass
4	PV Connector withdrawal force (when in mated condition)	>80N (for connectors with locking/snap-in device as per IEC 62852)	4.48	4.35	4.55	4.79	4.61	Pass
5	Fitment & Matching between lid & housing	Properly locked, no gaps/lifting after locking	170.22	171.49	169.45	172.65	173.88	Pass
6	FG appearance	Visual	OK	OK	OK	OK	OK	Pass
7	Packing Condition	Visual	OK	OK	OK	OK	OK	Pass
8	Packing Qty / Box	120 Sets	120	120	120	120	120	Pass

Declaration : We hereby certify that solar junction boxes supplied under the above mentioned invoice number have been produced as per IEC 62790:2020/EN 62790:2020 standard.

Prepared By : Vineesh
Sign : 
Date : 15.03.2025



Approved By : Quality Manager
Sign : 
Date : 15.03.2025