



PV Committee China TC Chapter
PV Materials Committee China TC Chapter
Joint Meeting Summary and Minutes

China Fall Standards Meeting 2025

November 26th, 2025, 9:00-17:00

Wuxi City, Jiangsu

TC Chapter Announcements

Next TC Chapter Meeting

TBD, China, 2026

Table 1 Meeting Attendees

Italics indicate virtual participants

Co-Chairs: Dengyuan Song (DASOLAR)

SEMI Staff: Hailey Yan, Sara Ma, Ein Wu, Ella Jin

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
DASOLAR	Song	Dengyuan	LINTON	Li	Zhixin
DASOLAR	Li	Jiadong	RUNERGY	Chen	Rulong
DASOLAR	Zhang	Kangping	TONGRUN	Zhou	Chengjun
DASOLAR	Cui	Yuhui	GCL	Xu	Meng
DASOLAR	Dai	Jianfang	Zhongsheng Micro	Niu	Xinwei
CSI	Zhang	Guangchun	CHINT	Zhang	Guangdou
CSI	Yu	Yuanjie	AikoSolar	Fukui	Kenji
SJTU	Zhang	Zhen	AikoSolar	An	Xiexie
YONGXIANG	Liu	Yifeng	Leadmicro	Li	Weiming
NAURA	Li	Buzhong	Leadmicro	Su	Yunshan
NAURA	Du	Junna	Red Solar	Cai	Xianwu
NAURA	Liu	Xinxiu	JNTU	Mai	Yaohua
NAURA	Tian	Tao	Xingqi	Yang	Shaohui
NAURA	Li	Dianpu	TUV-SUD	Wu	Yaozhong
SANY	Chen	Jia	Fusion materials	Jiang	Ansong
Yingli	Yu	Bo	Mailuo	Wu	Shaohang
TCL Zhonghuan	Shen	Yitong	SKSN	Sheng	Wenting
SHENZHEN S.C	Zhou	Weizhong	Longi	Han	Wei
SINOSICO	Yan	Dazhou	Ronmasolar	He	Liang
H2Lab	Zhu	Jingbing	Sipai	Wang	Tong
GNETEK	Yao	Huawen	WITC	Huang	Wenhao
ZQS	Su	Wen	Runhaine	Lian	Weifei
Wuxi Analytical Testing Society	He	Li	Jinao	He	Tanggui
<i>LINTON</i>	<i>Liu</i>	<i>Erfei</i>	<i>DASOLAR</i>	<i>Cui</i>	<i>Yaqi</i>



TCL Zhonghuan	Zhang	Xuenan			
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Table 1 Leadership Changes

<i>WG/TF/SC/TC Name</i>	<i>Previous Leader</i>	<i>New Leader</i>
<i>PV</i>		
PV-Crystalline Silicon Solar Cell Task Force	Xiuxiang Wang - Yingli Xianwu Cai - RedSolar Rulong Chen – RUNERGY	Bo Yu -Yingli Xianwu Cai - RedSolar Rulong Chen - RUNERGY
PV-Building Integrated Photovoltaic (BIPV) Task Force	Xiuxiang Wang - Yingli Jingbing Zhu - SUNMAN Chengjun Zhou - ChintSolar Zhenlei Fang - Jinmao Green Building	Bo Yu - Yingli Jingbing Zhu - SUNMAN Chengjun Zhou - ChintSolar Zhenlei Fang - Jinmao Green Building
<i>PV Material</i>		
PV Silicon Raw Materials Task Force	Wenfeng Lu - Safest Dongxu Lu - SINOSICO Li He - CPVT	Yifeng Liu - Sichuan Yongxiang Poly-Silicon Co., Ltd. Bin Wang - GCL Jinbiao Lv - Fujian Mindian New Energy

Table 2 Committee Structure Changes

<i>Previous WG/TF/SC Name</i>	<i>New WG/TF/SC Name or Status Change</i>
<i>Photovoltaic</i>	
None	
<i>Photovoltaic Materials</i>	
None	

Table 3 Ballot Results

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
<i>PV</i>		
None		
<i>PV Materials</i>		
None		

#1 **Passed** ballots and line items will be submitted to the ISC Audit & Review Subcommittee for procedural review.

#2 **Failed** ballots and line items were returned to the originating task forces for re-work and re-balloting or abandoning.

Table 4 Activities Approved by the GCS between meetings of the TC Chapter

#	Type	SC/TF/WG	Details
<i>Photovoltaic</i>			
None			
<i>Photovoltaic Materials</i>			
None			

Type	SC/TF/WG	Details
SNARF	PV Module Task Force	New Standard: Specification for tin-coated copper-clad aluminum ribbon for photovoltaic modules



Type	SC/TF/WG	Details
SNARF	PV Module Task Force	New Standard: Specification for reliability test fixtures for lightweight photovoltaic modules
SNARF	PV Module Task Force	New Standard: Test method for dent of photovoltaic modules
SNARF	PV Equipment Task Force	New Standard: Guide for Quartz Boat Materials Used in Photovoltaic Cell Equipment
SNARF	PV Module Task Force	Revision to SEMI PV86-0223: Specification for Crystalline Silicon Photovoltaic Module Dimensions

#1 SNARFs and TFOFs are available for review on the SEMI Web site at:

<http://downloads.semi.org/web/wstdsbal.nsf/TFOFSNARF>

Table 5 Authorized Ballots

#	When	TF	Details
<i>PV</i>			
7314	Cycle3-2026	Crystalline Silicon Solar Cell Task Force	New Standard: Test method for evaluating the heat stability of TOPCon cells with finger paste by laser-assisted firing
7363	Cycle3-2026	Crystalline Silicon Solar Cell Task Force	New Standard: Test method for glutaric acid corrosion of crystalline silicon photovoltaic cells
7364	Cycle3-2026	PV Module Task Force	New Standard: Specification for masking film of soldering ribbon and busbar for back contact photovoltaic modules
7365	Cycle3-2026	PV Module Task Force	New Standard: Specification for high-reflectivity black glazed glass used in photovoltaic modules
<i>PV Materials</i>			
None			

Table 6 SNARF(s) Granted a One-Year Extension

#	TF	Title	Expiration Date
<i>Photovoltaic</i>			
None			
<i>Photovoltaic Materials</i>			
None			

Table 7 SNARF(s) Abolished

#	TF	Title
<i>PV</i>		
None		
<i>PV Materials</i>		
None		

Table 8 Standard(s) to receive Inactive Status

Standard Designation	Title
<i>Photovoltaic</i>	



Table 8 Standard(s) to receive Inactive Status

<i>Standard Designation</i>	<i>Title</i>
None	
<i>Photovoltaic Materials</i>	
None	

Table 9 Table 10 Standard(s) to receive Withdrawal Status

<i>Standard Designation</i>	<i>Title</i>
<i>PV</i>	
None	
<i>PV Materials</i>	
None	

Table 10 New Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
None		

Table 11 Previous Meeting Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
None		

1. Welcome, Reminders, and Introductions

Committee co-chair Dengyuan Song called the meeting to order at 9:30.

2. Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

Motion: To approve the minutes of the previous meeting as written

By / 2nd: Zhixin Li (Linton)/ Weiming Li (Leadmicro)

Discussion: None

Vote: 33Y - 0 N. Total 33 companies. Motion Passed.

Attachment: 3 China PV&PVM TC Joint Spring Meeting Minutes 20250514 v1

3. SEMI Staff Report

Hailey Yan(SEMI) gave the SEMI Staff Report. Of note:

Action Item:

- Standards Technical Committees
- 2025 Critical Dates for SEMI Standards Ballots
- SEMI Standards Publications



- Organization chart for China PV Committee
- Organization chart for China PVM Committee
- China PV&PV Materials TC Update

Attachment: 4 SEMI Staff Report2025.11.26

3.1 Other SDO (Standards Development Organization) Update

- None

4. Liaison Reports

None

5. Ballot Review

None

6. Subcommittee and Task Force Reports

None

7. SNARF Abolished

None

8. Task Force Report

8.1 PV Module Task Force

Zhen Zhang (SJTU) reported for the PV Module Task Force. This report contained information on:

Action Item:

- Introduced the task force's leaders and members
- Introduced published standards
- Working on
 - Doc 7315, New Standard: Test Method for PV modules intensify aging in cold environmental conditions
 - Doc.7364, New Standard: Guide for Pipeline Connection of TMA Delivery System in PV Deposition Equipment
 - Doc.7365, New Standard: Specification for High-reflectivity black glazed backsheet glass for Crystalline silicon photovoltaic modules
- New SNARF
 - New standard: Test Method for Dent of Photovoltaic Modules
 - New standard: Specification for Tin-coated Copper-clad Aluminum Ribbon for Photovoltaic Modules
 - New standard: Specification for Reliability Test Fixtures for Lightweight Photovoltaic Modules
 - Revision to SEMI PV86-0223: Specification for Crystalline Silicon Photovoltaic Module Dimensions

Attachment: 5 SEMI PV Module TF Report 2025-11-26

8.2 PV Equipment Task Force

Buzhong Li (NAURA) reported for the PV Equipment Task Force. This report contained information on:

Action Item:

- Introduced the task force's leaders and members
- Introduced published standards
- Working on
 - Doc 7249, Revision to SEMI PV81-0318, Guide for Specifying Low Pressure Horizontal Diffusion Furnace
 - Doc.7362, New Standard: Guide for Pipeline Connection of TMA Delivery System in PV Deposition Equipment
- New SNARF
 - New standard: Guide for Quartz Boat Materials Used in Photovoltaic Cell Equipment

Attachment: 6 2025 年 SEMI PV 秋季会议-设备工作组汇报 -NAURA-20251126 (密级: 不涉密)

8.3 Crystalline Silicon Solar Cell Task Force

Rulong CHEN (Runergy) reported for the Crystalline Silicon Solar Cell Task Force. This report contained information on:

Action Item:

- Introduced the task force's leaders and members
- Introduced published standards.
- Working on
 - 7314, New Standard: Specification for Property Requirements of Finger Pastes for TOPCon Cell with Laser Assisted Firing Process
 - 7363, New Standard: Test method for glutaric acid corrosion of crystalline silicon photovoltaic cells

Attachment: 7 2025 年秋季会议-电池工作组汇报 20251126

9. Old Business

9.1 Refer to Table 12 Previous Meeting Action Items

10. New Business

10.1 Requests for ballots in Cycle 9 of 2025

10.1.1 Doc.7314, New Standard: Test method for evaluating the heat stability of TOPCon cells with finger paste by laser-assisted firing

Motion: Approve Document 7314 for Letter Ballot in Cycle 3-26.

By / 2nd: KP Zhang (DASOLAR) / Zhixin Li (LINTON)

Discussion: Zhixin Li (LINTON): Revise the English title.

Guangchun Zhang(CSI) : Supplement the attenuation data of batteries and modules.

Vote: 20 in favor 0 abstain and 0 opposed (Total 20 companies.) Motion passed.

Attachment: 8 《用于 TOPCon 激光辅助烧结电池的细栅浆料的耐热性测试》英文草案-7314

10.1.2 Doc.7363, New Standard: Test method for glutaric acid corrosion of crystalline silicon photovoltaic cells.

Motion: Approve Document 7363 for Letter Ballot in Cycle 3-26.

By / 2nd: Jiadong Li (DASOLAR) / Zhixin Li (LINTON)

Discussion: None
Vote: 25 in favor 0 abstain and 0 opposed (Total 25 companies.) Motion passed.
Attachment: 9 《晶体硅光伏电池戊二酸腐蚀试验测试方法》-英文草案-7363-V3

10.1.3 Doc.7364, New Standard: Specification for masking film of soldering ribbon and busbar for back contact photovoltaic modules

Motion: Approve Document 7364 for Letter Ballot in Cycle 3-26.
By / 2nd: Jianfang Dai (DASOLAR) / Zhixin Li (LINTON)
Discussion: Bo Yu(Yingli): Revise the English title.
Yuanjie Yu(CSI): Revise the grammatical issues in the scope section
Vote: 25 in favor 0 abstain and 0 opposed (Total 25 companies.) Motion passed.
Attachment: 10 《晶体硅光伏组件用焊丝遮蔽膜》英文草案-7364

10.1.4 Doc.7365, New Standard: Specification for high-reflectivity black glazed glass used in photovoltaic modules

Motion: Approve Document 7364 for Letter Ballot in Cycle 3-26.
By / 2nd: Jianfang Dai (DASOLAR) / Zhixin Li (LINTON)
Discussion: Yuanjie Yu(CSI): Supplement the four-point bending strength data.
Vote: 25 in favor 0 abstain and 0 opposed (Total 25 companies.) Motion passed.
Attachment: 11 《晶体硅光伏组件用高反黑釉玻璃规范》-英文草案-7365

10.2 New SNARFs

10.2.1 SNARF, New Standard: Specification for tin-coated copper-clad aluminum ribbon for photovoltaic modules

Motion: Approve the SNARF.
By / 2nd: Jianfang Dai (DASOLAR) / Zhixin Li (LINTON)
Discussion: Dazhou Yan(SINOSICO): Consider the corrosion of copper-clad aluminum.
Vote: 21 in favor and 0 opposed 0 abstain. (Total 21 companies.) Motion passed.
Attachment: 12 251126 光伏组件用铜铝复合镀锡焊带 SEMI overview

10.2.2 SNARF, New Standard: Specification for reliability test fixtures for lightweight photovoltaic modules

Motion: Approve the SNARF.
By / 2nd: Jianfang Dai (DASOLAR) / Zhixin Li (LINTON)
Discussion: None
Vote: 18 in favor 0 abstain and 0 opposed (Total 18 companies.) Motion passed.
Attachment: 13 251126 轻质光伏组件可靠性测试工装规范 SEMI overview

10.2.3 SNARF, New Standard: Test method for dent of photovoltaic modules

Motion: Approve the SNARF.
By / 2nd: Jianfang Dai (DASOLAR) / Zhixin Li (LINTON)
Discussion: Wenhao Huang(WITC): It is recommended to refer to the relevant standards of IEC film.
Vote: 16 in favor 0 abstain and 2 opposed (Total 18 companies.) Motion passed.
Attachment: 14 251126 光伏组件凹陷测试方法 SEMI overview



10.2.4 SNARF, New Standard: Guide for Quartz Boat Materials Used in Photovoltaic Cell Equipment

Motion: Approve the SNARF.

By / 2nd: Xinxiu Liu (NAURA) / Jingbing Zhu (H2lab)

Discussion: Dengyuan Song(DASOLAR): Gather feedback from material and equipment suppliers, and link it with key parameters.

Vote: 25 in favor and 0 opposed 0 abstain. (Total 25 companies.) Motion passed.

Attachment: 15 SNARF-New Standard Guide for Quartz Boat Materials Used in Photovoltaic Cell Equipment-NAURA
(密级: 不涉密)

10.2.5 SNARF, Revision to SEMI PV86-0223: Specification for Crystalline Silicon Photovoltaic Module Dimensions

Motion: Approve the SNARF.

By / 2nd: Yuanjie Yu (CSI) / Rulong Chen (RUNERGY)

Discussion: None

Vote: 16 in favor and 0 opposed 1 abstain. (Total 17 companies.) Motion passed.

Attachment: 16 PV86 组件外形尺寸及技术要求修订立项评审报告 20251120

10.3 SNARF(s) Granted a One-Year Extension

None

11. Next Meeting and Adjournment

The next meeting of the PV & PV Materials China TC Chapter is TBD.

For more information, please visit Standards Calendar at <http://www.semi.org/en/standards>

Adjournment: 17:00

Respectfully submitted by:

Hailey Yan

SEMI China

Phone: 86-21-6027-7645

Email: hyan@semi.org

Minutes tentatively approved by:

Dengyuan Song (DASOLAR), PV Committee and PV Materials Committee China TC Chapter Co-chair	2025/12/12
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Table 12 Index of Available Attachments#1

<i>Title</i>	<i>Title</i>
1 Chinese SEMI Standard Meeting Reminders	2 China PV Standards Committee Fall Meeting 2025 Agenda
3 China PV&PVM TC Joint Fall Meeting Minutes 20241120 v1	4 SEMI Staff Report2025.11.26
5 SEMI PV Module TF Report 2025-11-26	6 2025 年 SEMI PV 秋季会议-设备工作组汇报 -NAURA-20251126 (密级: 不涉密)
7 2025 年秋季会议-电池工作组汇报 20251126	8 《用于 TOPCon 激光辅助烧结电池的细栅浆料的耐热性测试》英文草案-7314
9 《晶体硅光伏电池戊二酸腐蚀试验测试方法》-英文草案-7363-V3	10 《晶体硅光伏组件用焊丝遮蔽膜》英文草案-7364
11 《晶体硅光伏组件用高反黑釉玻璃规范》-英文草案-7365	12 251126 光伏组件用铜铝复合镀锡焊带 SEMI overview
13 251126 轻质光伏组件可靠性测试工装规范 SEMI overview	14 251126 光伏组件凹陷测试方法 SEMI overview
15 SNARF-New Standard Guide for Quartz Boat Materials Used in Photovoltaic Cell Equipment-NAURA (密级: 不涉密)	16 PV86 组件外形尺寸及技术要求修立项评审报告 20251120

#1 Due to file size and delivery issues, attachments must be downloaded separately. A .zip file containing all attachments for these minutes is available at www.semi.org. For additional information or to obtain individual attachments, please contact [SEMI Staff Name] at the contact information above.