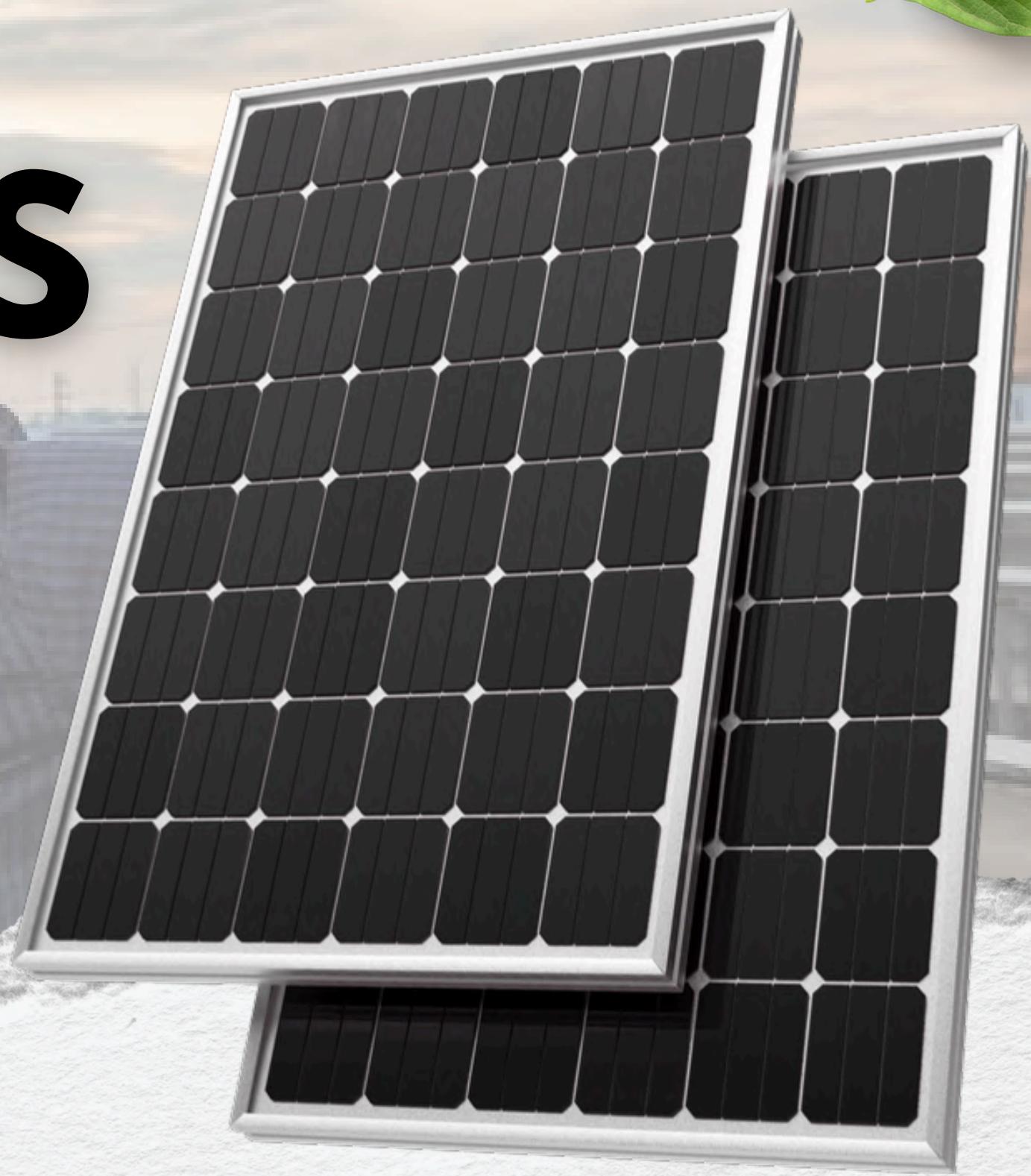


SHARP

JCM BUSINESS FORUM

Sharp Solar Solution Asia

17 December 2025



SHARP SOLAR SOLUTION ASIA

More than 65 Years of Solar Expertise



1912

1953

1959

1970

1976

2000

2018

2020

Foundation of SHARP

Mass prod of TVs

Dev of Solar cell begins

Start prod space-use PV cells

First calculators with solar cells

World leading PV manufacturer

48 cell: Back-Contact: 20%

Half-cut cell introduction

2023

2024

2025

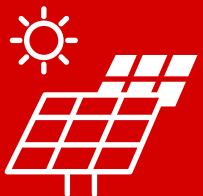
Achieved **33.66%** world record module conversion efficiency

JAXA's lunar mission, landing on the moon in January, was powered by SHARP PV

NOW



GLOBAL JCM ACHIEVEMENTS



Project awarded : 16 Projects



Total MW installed under JCM: 324 MWp



Countries:

Indonesia, Mongolia, Thailand, Laos,
Philippines, Palau, Kenya, Chile, Vietnam,
Sri Lanka, Georgia



JCM models: rooftop, ground-mount,
BESS-integrated



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GLOBAL JCM ACHIEVEMENTS

#	Year (Selected)	Host Country	Details	Capacity
1	2015	Indonesia	1.6MW Solar PV Power Plant Project in Jakabaring Sport City	1.6 MW
2	2015	Mongolia	10MW Solar Power Project in Darkhan City	10 MW
3	2016	Thailand	Introduction of 3.4MW Rooftop Solar Power System to Air-conditioning Parts Factories	3.4 MW
4	2016	Thailand	Introduction of 30MW Rooftop Solar Power System to Large Supermarkets	30 MW
5	2017	Mongolia	Introduction of 15MW Solar Power System near New Airport	15 MW
6	2018	Lao PDR	11MW Solar Power Project in Savannakhet Province	11 MW
7	2018	Philippines	Introduction of 4MW Rooftop Solar Power System in Tire Factory	~4 MW
8	2018	Palau	Introduction of 0.4MW Rooftop Solar Power System in Supermarket and Hotel	~0.4 MW
9	2018	Kenya	38MW Solar Power Project in Makueni County	38 MW
10	2020	Chile	34MW Solar Power Project in Nuble Region	34 MW
11	2020	Chile	25.8 MW Solar Power Project in Arica Region	25.8 MW
12	2021	Vietnam	Introduction of 3.7MW Rooftop Solar Power System to Factories	3.7 MW
13	2021	Thailand	Introduction of 23MW Rooftop Solar Power System to Tire Factories	23 MW
14	2023	Sri Lanka	26MW Ground-mount Solar Power Plants in Hambantota	26 MW
15	2025	Georgia	43MW Solar Power Project in Kakheti and Kvemo Kartli Regions	43 MW
16	2025	Thailand	Energy Supply Project by 55MW Solar Power System and 40MWh Storage Battery to Data Center in Chon Buri Province (EEC)	55 MW + 40 MWh
Total				323.9 MWp with BESS 40 MWh



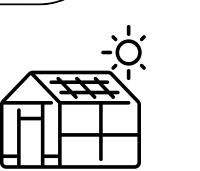
THAILAND JCM ACHIEVEMENTS





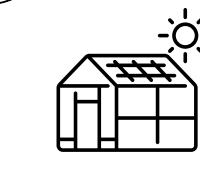
Rooftop Solar Power System to Air-conditioning Parts Factories

CO₂ GHG reduction 1,179 t-CO₂/year



Rooftop Solar Power System to Large Supermarkets

GHG reduction 13,293 t-CO2/year



Rooftop Solar Power System to Large Supermarkets

GHG reduction 25,350 tCO2-eq./year

WHY SHARP FOR JCM PROJECTS



1. Proven JCM Track Record

- 10+ years of JCM experience
- 16 JCM solar projects across Asia, Africa, and Europe
- Rooftop, ground-mount, and BESS-integrated projects



2. Engineering Capability

- In-house EPC and project management teams
- Utility-scale, commercial rooftop, and data-center solutions
- Proven quality, safety, and on-time delivery
- Monitoring system to ensure transparent operation and data availability



3. Strong Japan Collaboration

- Long-term cooperation with Japanese partners
- Deep understanding of MOEJ & GEC Foundation requirements
- Experienced in JCM registration, MRV, and reporting processes



4. Future-Ready Solutions

- Solar + BESS integration
- PPA and flexible project structures
- Ready for large-scale and next-generation JCM projects



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**THANK
YOU!**

