

MHM · MSOL SERIES

MHM Rooftop Solar PV System

On-grid rooftop solar, 50 kWp–5 MWp, net-metered under SREDA guidelines.

Origin: Tier-1 modules / Huawei, Sungrow inverters · Category: Solar Power



CAPACITY

50 kWp–5 MWp

MODULES

Tier-1 mono, 550–620 Wp

INVERTERS

Huawei / Sungrow

YIELD

1,350–1,450 kWh/kWp/yr

NET METERING

SREDA compliant

WARRANTY

25 yr modules

Overview

Rooftop solar cuts daytime grid and generator cost for factories running chillers at peak sun. MHM designs and installs on-grid systems with Tier-1 mono-PERC or TOPCon modules, string inverters and aluminium mounting on RCC or metal roofs.

We handle SREDA net-metering applications, DPDC/DESCO/REB approvals and provide performance monitoring.

Design features

Engineered for Bangladesh conditions

Rated for 45 °C ambient, 95% humidity and 380–415 V / 50 Hz supply with wide voltage tolerance.

Genuine parts and AMC

Spares stocked in Dhaka; annual maintenance contracts with 24-hour response.

Installed by MHM technicians

Own site team for supply, installation, testing and commissioning.

Energy-efficient design

Premium-efficiency motors and drives reduce running cost from day one.

Remote monitoring ready

Modbus / BACnet interface for BMS integration.

Documented handover

Test reports, O&M manual and drawings supplied with every project.

Typical applications

- Garment factory rooftops
- Cold storage
- Spinning mill sheds
- Commercial buildings

Technical data — MSOL Series

Model	Capacity (kWp)	Modules	Inverters	Roof area (m ²)	Annual yield (MWh)
MSOL-050	50	88 × 570 Wp	1 × 50 kW	300	70
MSOL-200	200	350 × 570 Wp	2 × 100 kW	1200	280
MSOL-500	500	880 × 570 Wp	5 × 100 kW	3000	700
MSOL-1000	1000	1750 × 570 Wp	10 × 100 kW	6000	1400
MSOL-3000	3000	5260 × 570 Wp	12 × 250 kW	18000	4200

Ratings at standard conditions stated in the facts above. Intermediate capacities, alternative voltages and special options on request; MHM selects the model for your load, ambient and water conditions.





Selection, installation and after-sales by MHM Engineering

Send your capacity, ambient / water conditions and site drawings to sales@mhmmachineries.com or call +880 1321-206755. Every MHM unit is commissioned by our own engineers and covered by an annual maintenance contract with genuine spares stocked in Dhaka.