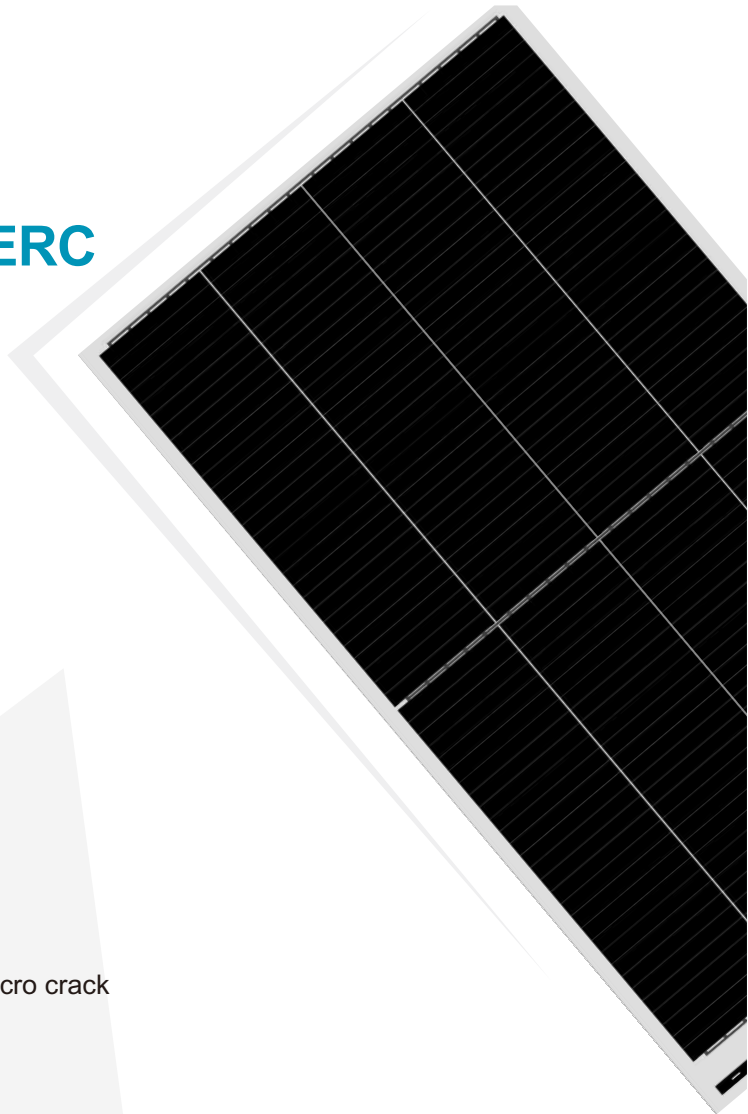




Flexible Lightweight Mono PERC High Density Module

DAS-LO22P 105W ~ 110W
DAS-LO44P 220W ~ 225W



Lightweight
Optimized composite materials, 75% lighter at the same power



Flexible
Flexional encapsulating and patent materials



Excellent Appearance and Performance
Esthetics module design, no flare effect, "0" risk of micro crack



Easy transportation and installation
Original design making it far less costly for transportation and installation



Customization
Customization for various scenarios, high additional value

10
YEAR

Materials and
Workmanship warranty

25
YEAR

Power
warranty



Product And Quality Certifications

IEC 61215, IEC 61730

ISO 9001:
2015 Quality Management System

ISO 14001:
2015 Environmental Management System

ISO 45001:
2018 EHS Management System



Electrical Parameters (STC*)

Module Type	LO22P-105	LO22P-110	LO44P-220	LO44P-225
Nominal Max. Power(Pmax/W)	105	110	220	225
Open Circuit Voltage(Voc/V)	39.26	39.94	39.89	40.20
Short Circuit Current(Isc/A)	3.62	3.67	7.35	7.41
Operating Voltage(Vmp/V)	31.53	32.54	32.49	32.96
Operating Current(Imp/A)	3.33	3.38	6.77	6.83
Module Efficiency(%)	15.0	15.7	18.0	18.4

STC*(Standard Test Condition): Irradiance 1000W/m², Cell Temperature 25°C, AM1.5

Electrical Parameters (NMOT*)

Module Type	LO22P-105	LO22P-110	LO44P-220	LO44P-225
Nominal Max. Power(Pmax/W)	78	82	163	167
Open Circuit Voltage(Voc/V)	36.32	36.94	36.90	37.19
Short Circuit Current(Isc/A)	2.92	2.96	5.92	5.97
Operating Voltage(Vmp/V)	29.33	30.27	30.16	30.62
Operating Current(Imp/A)	2.66	2.70	5.42	5.46

NMOT* (Nominal Module Operating Temperature): Irradiance 800W/m², Ambient Temperature 20°C, AM1.5, Wind Speed 1m/s

Mechanical Parameters

Cell size	Mono PERC 158.75mm*31.75mm	
Module size	1750×400×4mm (L×W×H)	1750×700×4mm (L×W×H)
Module Thickness	4.0mm	
Module Weight	3.0kg	5.2kg
Output Cable	4mm ² , cable length 300mm (can be customized)	
Connector	MC4 compatible	
J-Box	IP68, 2 bypass diodes	
Back Color	Black / White	

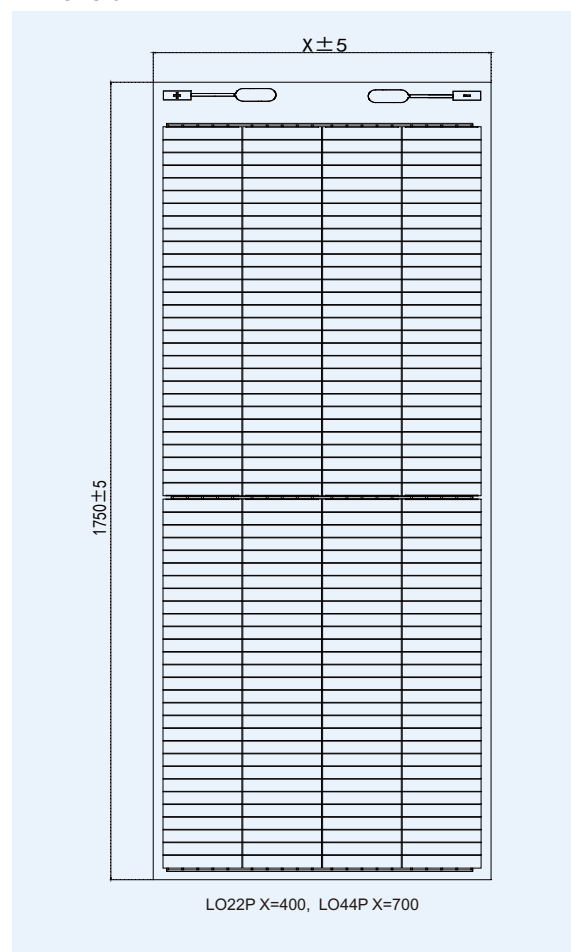
Temperature Coefficients

Short Circuit Current(Isc)	+0.048%/°C
Open Circuit Voltage(Voc)	-0.31%/°C
Nominal Max. Power(Pmax)	-0.38%/°C
NMOT	43±2°C

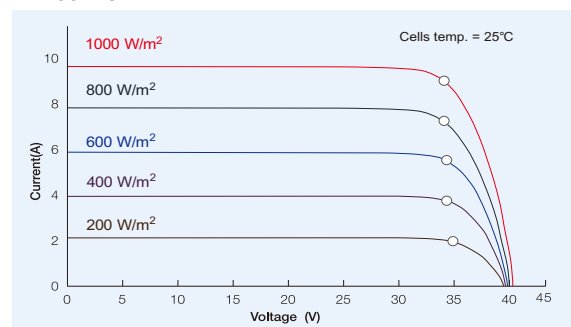
Operating Parameters

Max. System Voltage	DC1000V
Power Tolerance	0 ~ +5 W
Operating Temperature	-40°C ~ +85°C
Max. Fuse Rated Current	15A
Front Static Load	Snow load 2400Pa, Wind load 2400Pa
Application Classification	Class A
Packing Specification	56 pcs/Pallet, 1344 pcs/ 20'GP; 2688 pcs/ 40'HQ;

Dimension



I-V curve



I-V curve

