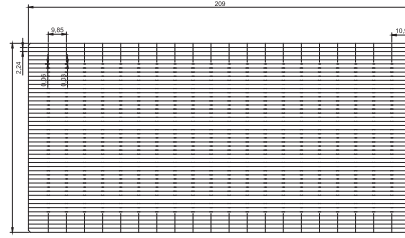
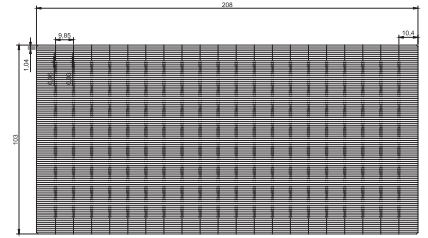


Mechanical Parameters

Product	High-efficiency Monocrystalline HJT Solar Cell (Half-cut)
Specification	N-type, No busbar, 210mm*105mm±0.15mm
Average Thickness	110±15μm, 120±15μm
Front Side (-)	Blue Transparent Conductive Oxide (TCO) Film, No busbar
Back Side (+)	Blue Transparent Conductive Oxide (TCO) Film, No busbar



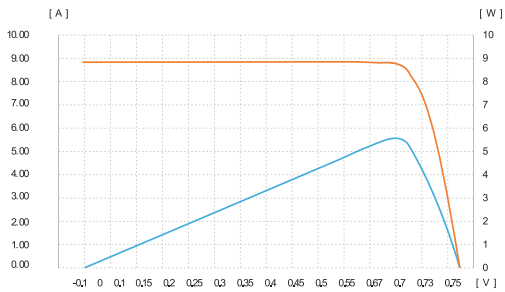
Front



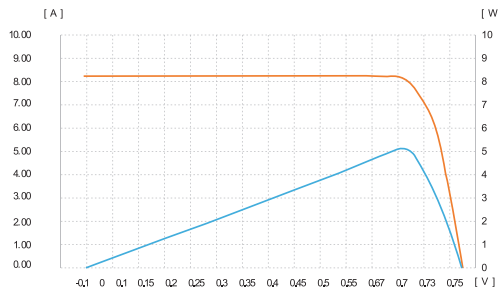
Back

I-V Curve(25.50%)

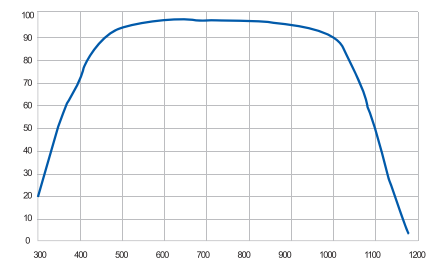
Wavelength Response



Frontside



Backside



Wavelength (μm)

Electronic Parameters

Rear Electronic Parameters

Cell Type	LS-210M-260	LS-210M-259	LS-210M-258	LS-210M-257	LS-210M-256	LS-210M-255	LS-210M-254	LS-210M-253	LS-210M-ZM-260	LS-210M-ZM-255	LS-210M-ZM-247	
Max. Power	Pmpp [W]	5.73	5.70	5.68	5.66	5.64	5.62	5.59	5.57	5.44	5.34	5.17
Current at the MaxPower Point	Impp [A]	8.506	8.481	8.463	8.434	8.430	8.405	8.381	8.341	8.005	7.855	7.710
Voltage at the MaxPower Point	Vmpp [V]	0.674	0.673	0.672	0.672	0.669	0.669	0.668	0.669	0.681	0.68	0.672
Short-Circuit Current	Isc [A]	8.905	8.892	8.883	8.875	8.861	8.849	8.833	8.815	8.363	8.315	8.250
Open-Circuit Voltage	Voc [V]	0.753	0.753	0.753	0.752	0.752	0.752	0.752	0.752	0.752	0.750	0.748
Filling Factor	FF	85.48	85.27	85.03	84.89	84.69	84.48	84.30	84.14	86.66	85.64	83.86
Efficiency	η [%]	26.0	25.9	25.8	25.7	25.6	25.5	25.4	25.3	24.7	24.23	23.47

*Standard Test Conditions: 1000 W/m², AM 1.5, 25°C. The above technical parameters are subject to change due to technological advancements and testing. Leascend Photovoltaic reserves the final right of interpretation.

Temperature Coefficient

Open-Circuit Voltage	Voc	-0.22%/K
Short-Circuit Current	Isc	+0.047%/K
Max. Power	Pmax	-0.24%/K

Packaging Information & Storage Instructions

120 pcs/box 16 box/carton 1920 pcs/carton

1.Ensure that cells are stored in an ambient temperature environment that is dry and clean.

2.After opening the packaging, please process the battery cells within 10 days.



LEASCEND PHOTOVOLTAIC TECHNOLOGY CO.,LTD
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 @ sales@leascend.com



26.0% High-Efficiency

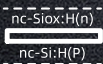
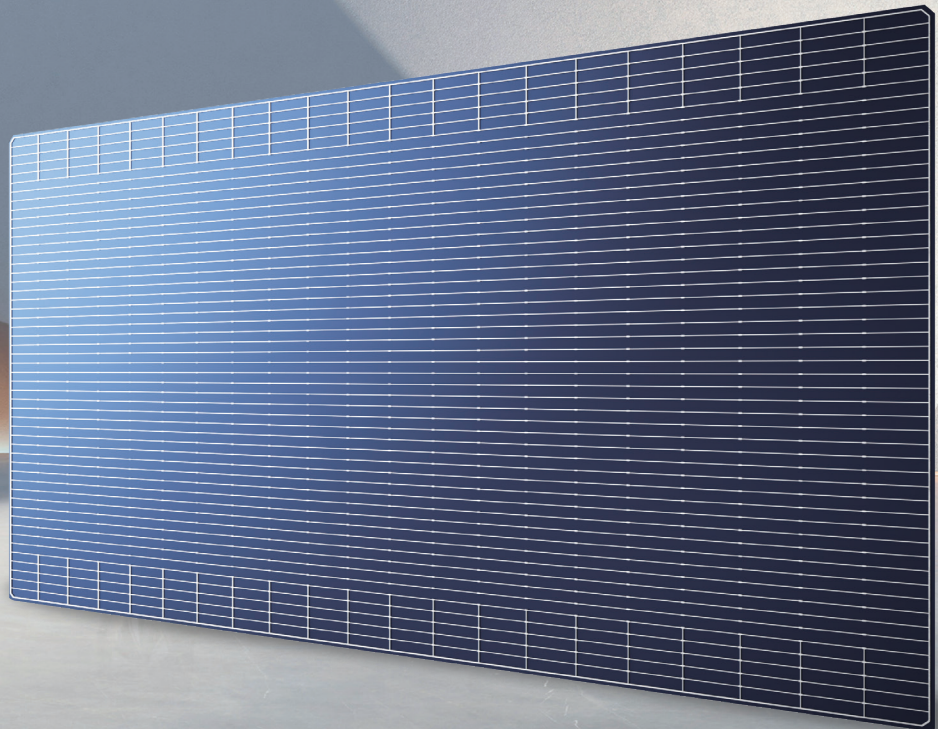
Leascend G12-0BB HJT Cell

Half-Cell Dual-Mirco-Crystal High-Efficiency

Leascend PV Technology Co., Ltd. is controlled by Leascend Technology Co., Ltd. (stock code "300051"), which is a scientific and technological enterprise focusing on the development and application of high-efficiency heterojunction (HJT) solar cells, as well as large-scale mass production. Pursuing the vision of becoming the world-leading company of high-efficient solar energy, Leascend PV adheres to the values of "win-win development, harmonious sharing, and focus on efficiency".

Based on the rapid development of our two production factories (Meishan, Sichuan and Nantong, Jiangsu), we have a total capacity of 8.8 GW as of 2024. And by the year 2026, we will have increased our capacity to over 40 GW. Low-cost and high-efficiency are the key concepts guiding our future development, so we can bring about new changes across the entire industry.

Our company's globalization process now has already been accelerated. We will continue to explore the global market and create our own Leascend light.



Higher Efficiency & Power Output

Power gains 10% more than the conventional solar cells
Average conversion efficiency higher than 26%



-0.24%°C

-0.24% Low temperature coefficient



High Bifaciality

Up to 95% bifaciality



Zero Degradation

No PID and LID effect