



SOLAR SPARK, INFINITE LIGHT
www.alpssolar.eu



Web: www.alpssolar.eu

Version No.: ALPS-EN-202411

LEADING SOLAR PANEL
MANUFACTURE IN ROMANIA

SOLAR SPARK INFINITE LIGHT



COMPANY PROFILE

AEG Solar Energy SRL proudly stands as the first and largest solar panel manufacturing facility in Romania and Eastern Europe. Strategically located in the Călărași region of southern Romania, the state-of-the-art plant is set to commence operations this year, marking a significant milestone in renewable energy production.

With an impressive annual production capacity of 2GW, AEG Solar Energy SRL offers a comprehensive portfolio of solar panel solutions, catering to diverse market needs while providing tailored services to meet specific customer requirements.

The factory is equipped with cutting-edge automated production lines and supported by a highly skilled design team, ensuring every solar panel meets the most stringent quality standards. This commitment to excellence is reflected in our industry-leading warranties: a 25-year product material and workmanship warranty and a 30-year linear power output warranty, offering unparalleled assurance to our customers. Our renowned ALPS brand of solar panels is manufactured on these advanced production lines, embodying innovation and reliability.

AEG Solar Energy SRL warmly invites industry professionals, partners, and stakeholders to visit our facility, engage in meaningful discussions, and collaborate in shaping a sustainable future for the global green energy industry. Together, let us illuminate a path toward a brighter and greener tomorrow.

ALPS
SOLAR



A COMPREHENSIVE ENERGY
SERVICE PROVIDER WITH SMART ENERGY
MANAGEMENT AS ITS CORE



6MW PV Power Plant Project of Louisvuitton Plant in Sibiu Province, Romania





ALPS54D30-TP

430-460W

High performance N-type
Double glass bifacial solar module

Made in EU
Production and development according to the highest quality standards.

Highly profitable
More energy yield over the same area even on cloudy or hot days.

Extremely durable
Outstanding cell stability and high breakage resistance thanks to patented SmartWire Connection Technology.

Consistently sustainable
Regional value creation, made without lead and PFAS, produced using 100% renewable energy.

Guaranteed reliability
Industry-leading 25-year product and performance warranty.

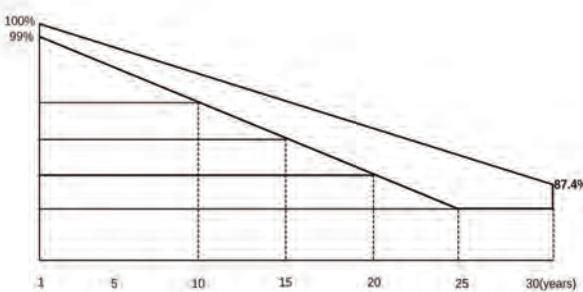
Extremely aesthetic
Elegant Swiss design suitable for all roof shapes and sophisticated architecture.

Extremely practical
Convenient handling, maximum layout flexibility and maximum system performance thanks to compact format.



30 YEAR Linearity power and output warranty

25 YEAR Excellent products material and process warranty



Certificates

TUV CE UL
IEC 61215, IEC 61730
ISO 9001: Quality Management System
ISO 14001: Environmental Management System
ISO 45001: Occupational Health And Safety Management System

As of Version A1 2024-01

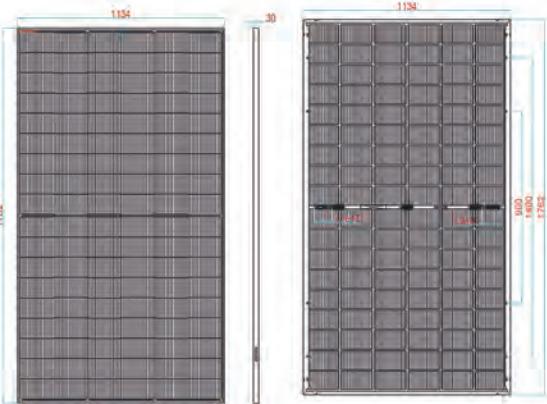
ALPS
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N-type module

Made in EU

MECHANICAL PROPERTIES

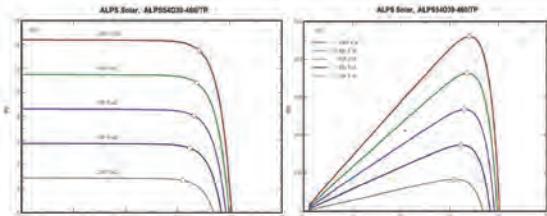
Solar Cells	N-type
Number of Cells	108(6x18)
Module Dimensions	1762×1134×30±15mm
Weight	24kg
Cable Cross Section Size	4mm ² (IEC), 12AWG(UL)
Junction Box	IP68, 3 diodes
Connector	MC4 / EVO 2A
Cable Length(Including Connector)	290mm
Front Glass/Back Glass	2.0mm/2.0mm (White Grid Glass)
Packaging information	36pcs/Pallet, 936pcs/40HQ Container



WORKING PARAMETERS

Maximum System Voltage	1500V DC (IEC)
Operational Temperature	-40°C~+85°C
Maximum Series Fuse Rating	30A
Maximum Static Load, Front*	5400 pa
Maximum Static Load, Back*	2400 pa
NOCT	45±2°C
Safety Class	Class A

CHARACTERISTICS



ELECTRICAL DATA (STC&BNPI)

Model	ALPS54D30 -430/TP	ALPS54D30 -435/TP	ALPS54D30 -440/TP	ALPS54D30 -445/TP	ALPS54D30 -450/TP	ALPS54D30 -455/TP	ALPS54D30 -460/TP
Testing Condition	STC BNPI	STC BNPI	STC BNPI	STC BNPI	STC BNPI	STC BNPI	STC BNPI
Rated Maximum Power(Pmax) [W]	430 476	435 482	440 488	445 493	450 499	455 504	460 510
Maximum Power Voltage(Vmp) [V]	32.55 32.65	32.75 32.85	32.95 33.05	33.15 33.25	33.25 33.35	33.45 33.55	33.65 33.75
Maximum Power Current(Imp) [A]	13.21 14.59	13.28 14.67	13.35 14.75	13.42 14.83	13.53 14.95	13.60 15.03	13.67 15.10
Open Circuit Voltage (voc) [V]	39.10 39.2	39.30 39.4	39.50 39.6	39.70 39.8	39.90 40.0	40.10 40.2	40.30 40.4
Short Circuit Current(isc) [A]	14.01 15.51	14.08 15.58	14.15 15.65	14.21 15.71	14.28 15.78	14.34 15.84	14.40 15.90
Module Efficiency [%]	21.52	21.77	22.02	22.27	22.52	22.77	23.02
Power Tolerance	0~+3%						
Temperature Coefficient of Isc(isc)	0.044%/°C						
Temperature Coefficient of Voc (Voc)	-0.250%/°C						
Temperature Coefficient of Pmax(Pmp)	-0.290%/°C						
Standard test environment	STC: Irradiance 1000W/m ² , Cell Temperature 25°C, Air Mass AM1.5 BNPI: Irradiance: front 1000W/m ² , rear 135W/m ² , Cell Temperature 25°C, AM=1.5						

Note: Due to continuous innovation, research and product upgrading, the parameters in this specification are not just a component, but can only be used for comparison between different types.

BIFACIAL OUTPUT-BACKSIDE POWER GAIN

Model	ALPS54D30 -430/TP	ALPS54D30 -435/TP	ALPS54D30 -440/TP	ALPS54D30 -445/TP	ALPS54D30 -450/TP	ALPS54D30 -455/TP	ALPS54D30 -460/TP
5% Power Output	452	457	462	467	473	478	483
Module Efficiency	22.60%	22.86%	23.12%	23.38%	23.65%	23.91%	24.17%
10% Power Output	473	479	484	490	495	501	506
Module Efficiency	23.67%	23.95%	24.22%	24.50%	24.77%	25.05%	25.32%
20% Power Output	516	522	528	534	540	546	552
Module Efficiency	25.82%	26.12%	26.42%	26.73%	27.03%	27.33%	27.63%

Note: Please read the safety and installation manual before using the product. We reserve the right of final interpretation.
The specifications in this datasheet are subject to change without notice.



ALPS54D35-TP

430-460W

High performance N-type
Double glass bifacial solar module

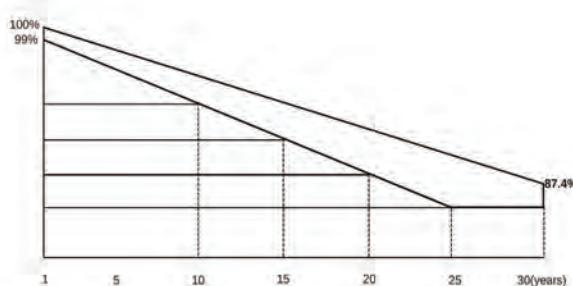


N-type module

Made in EU
Production and development according to the highest quality standards.
Highly profitable
More energy yield over the same area even on cloudy or hot days.
Extremely durable
Outstanding cell stability and high breakage resistance thanks to patented SmartWire Connection Technology.
Consistently sustainable
Regional value creation, made without lead and PFAS, produced using 100% renewable energy.
Guaranteed reliability
Industry-leading 25-year product and performance warranty.
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Extremely practical
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30 YEAR
Linearity power and output warranty

25 YEAR
Excellent products material and process warranty



Certificates

TUV CE UL
IEC 61215, IEC 61730
ISO 9001: Quality Management System
ISO 14001: Environmental Management System
ISO 45001: Occupational Health And Safety Management System

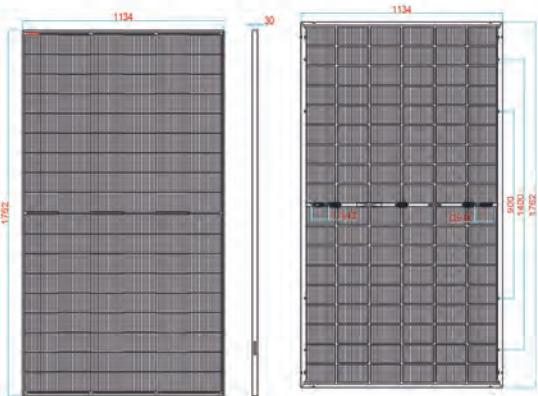
As of Version A1 2024-01

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Made in EU

MECHANICAL PROPERTIES

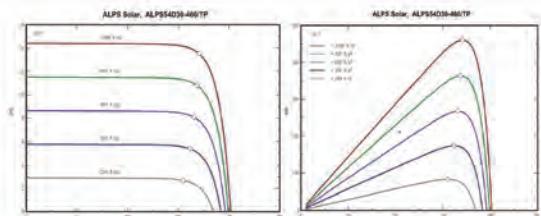
Solar Cells	N-type
Number of Cells	108(6x18)
Module Dimensions	1762×1134×30×15mm
Weight	24kg
Cable Cross Section Size	4mm ² (IEC), 12AWG(UL)
Junction Box	IP68, 3 diodes
Connector	MC4 / EVO 2A
Cable Length(Including Connector)	290mm
Front Glass/Back Glass	2.0mm/2.0mm (White Grid Glass)
Packaging Information	36pcs/Pallet, 936pcs/40HQ Container



WORKING PARAMETERS

Maximum System Voltage	1500V DC (IEC)
Operational Temperature	-40°C~+85°C
Maximum Series Fuse Rating	30A
Maximum Static Load, Front*	5400 pa
Maximum Static Load, Back*	2400 pa
NOCT	45+2°C
Safety Class	Class A

CHARACTERISTICS



ELECTRICAL DATA (STC&BNPI)

Model	ALPS54D35-430/TP	ALPS54D35-435/TP	ALPS54D35-440/TP	ALPS54D35-445/TP	ALPS54D35-450/TP	ALPS54D35-455/TP	ALPS54D35-460/TP
Testing Condition	STC BNPI	STC BNPI	STC BNPI	STC BNPI	STC BNPI	STC BNPI	STC BNPI
Rated Maximum Power(Pmax) [W]	430 476	435 482	440 488	445 493	450 499	455 504	460 510
Maximum Power Voltage(Vmp) [V]	32.55 32.65	32.75 32.85	32.95 33.05	33.15 33.25	33.25 33.35	33.45 33.55	33.65 33.75
Maximum Power Current(Imp) [A]	13.21 14.59	13.28 14.67	13.35 14.75	13.42 14.83	13.53 14.95	13.60 15.03	13.67 15.10
Open Circuit Voltage (voc) [V]	39.10 39.2	39.30 39.4	39.50 39.6	39.70 39.8	39.90 40.0	40.10 40.2	40.30 40.4
Short Circuit Current(Isc) [A]	14.01 15.51	14.08 15.58	14.15 15.65	14.21 15.71	14.28 15.78	14.34 15.84	14.40 15.90
Module Efficiency [%]	21.52	21.77	22.02	22.27	22.52	22.77	23.02
Power Tolerance	0~+3%						
Temperature Coefficient of Isc(ΔIs)	0.044%/°C						
Temperature Coefficient of Voc (Voc)	-0.250%/°C						
Temperature Coefficient of Pmax(Pmp)	-0.290%/°C						
Standard test environment	STC: Irradiance 1000W/m ² , Cell Temperature 25°C, Air Mass AM1.5 BNPI: Irradiance: front 1000W/m ² , rear 135W/m ² , Cell Temperature 25°C, AM=1.5						

Note: Due to continuous innovation, research and product upgrading, the parameters in this specification are not just a component, but can only be used for comparison between different types.

BIFACIAL OUTPUT-BACKSIDE POWER GAIN

Model	ALPS54D35-430/TP	ALPS54D35-435/TP	ALPS54D35-440/TP	ALPS54D35-445/TP	ALPS54D35-450/TP	ALPS54D35-455/TP	ALPS54D35-460/TP
5% Power Output	452	457	462	467	473	478	483
Module Efficiency	22.60%	22.86%	23.12%	23.38%	23.65%	23.91%	24.17%
10% Power Output	473	479	484	490	495	501	506
Module Efficiency	23.67%	23.95%	24.22%	24.50%	24.77%	25.05%	25.32%
20% Power Output	516	522	528	534	540	546	552
Module Efficiency	25.82%	26.12%	26.42%	26.73%	27.03%	27.33%	27.63%

Note: Please read the safety and installation manual before using the product. We reserve the right of final interpretation. The specifications in this datasheet are subject to change without notice.

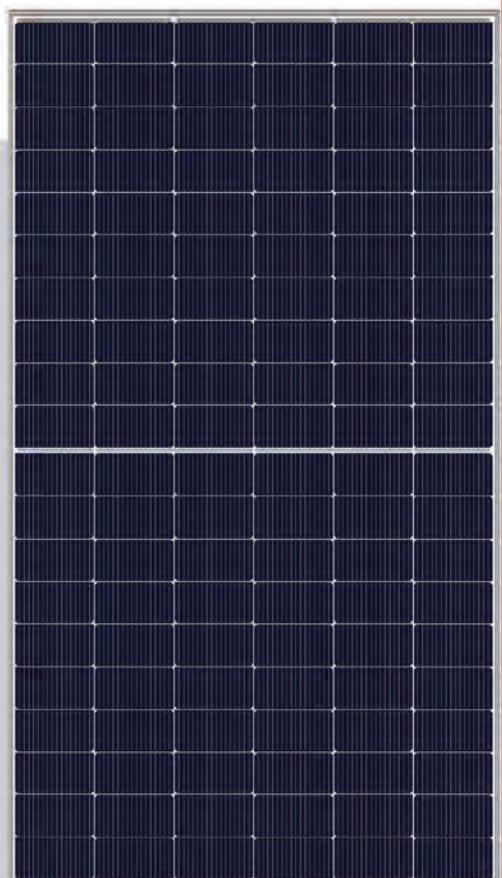


ALPS60D30-TP

480-510W

High performance N-type
Double glass bifacial solar module

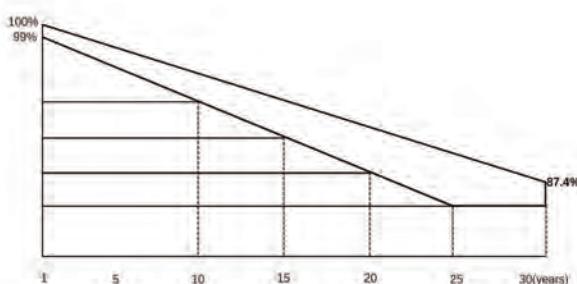
- Made in EU**
Production and development according to the highest quality standards.
- Highly profitable**
More energy yield over the same area even on cloudy or hot days.
- Extremely durable**
Outstanding cell stability and high breakage resistance thanks to patented SmartWire Connection Technology.
- Consistently sustainable**
Regional value creation, made without lead and PFAS, produced using 100% renewable energy.
- Guaranteed reliability**
Industry-leading 25-year product and performance warranty.
- Extremely aesthetic**
Elegant Swiss design suitable for all roof shapes and sophisticated architecture.
- Extremely practical**
Convenient handling, maximum layout flexibility and maximum system performance thanks to compact format.



N-type module

30 YEAR
Linearity power and output warranty

25 YEAR
Excellent products material and process warranty



Certificates

- TUV CE UL
- IEC 61215, IEC 61730
- ISO 9001: Quality Management System
- ISO 14001: Environmental Management System
- ISO 45001: Occupational Health And Safety Management System

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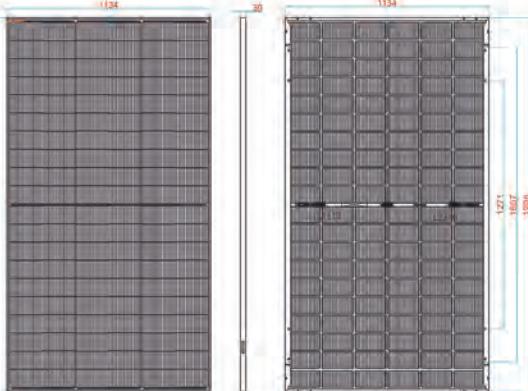
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Made in EU

ALPS60D30-TP(480-510)

MECHANICAL PROPERTIES

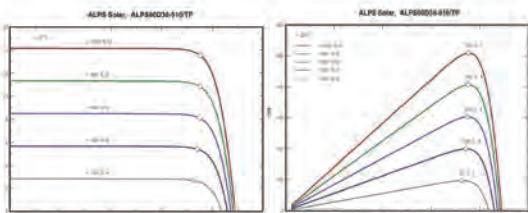
Solar Cells	N-type
Number of Cells	120(6x20)
Module Dimensions	1908x1134x30x15mm
Weight	26kg
Cable Cross Section Size	4mm ² (IEC), 12AWG(UL)
Junction Box	IP68, 3diodes
Connector	MC4 / EVO 2A
Cable Length(Including Connector)	290mm
Front Glass/Back Glass	2.0mm/2.0mm (White Grid Glass)
Packsging information	36pcs/Pallet, 864pcs/40HQ Container



WORKING PARAMETERS

Maximum System Voltage	1500V DC (IEC)
Operational Temperature	-40°C~+85°C
Maximum Series Fuse Rating	30A
Maximum Static Load,Front*	5400 pa
Maximum Static Load, Back*	2400 pa
NOCT	45+2°C
Safety Class	Class A

CHARACTERISTICS



ELECTRICAL DATA (STC&BNPI)

Model	ALPS60D30 -480/TP	ALPS60D30 -485/TP	ALPS60D30 -490/TP	ALPS60D30 -495/TP	ALPS60D30 -500/TP	ALPS60D30 -505/TP	ALPS60D30 -510/TP
Testing Condition	STC BNPI	STC BNPI	STC BNPI				
Rated Maximum Power(Pmax) [W]	480 532	485 537	490 543	495 548	500 554	505 560	510 565
Maximum Power Voltage(Vmp) [V]	36.35 36.45	36.55 36.65	36.75 36.85	36.95 37.05	37.15 37.25	37.35 37.45	37.55 37.65
Maximum Power Current(Imp) [A]	13.20 14.59	13.27 14.66	13.33 14.73	13.40 14.80	13.46 14.87	13.52 14.94	13.58 15.01
Open Circuit Voltage (voc) [V]	43.30 43.4	43.50 43.6	43.70 43.8	43.90 44.0	44.10 44.2	44.30 44.4	44.50 44.6
Short Circuit Current(Isc) [A]	13.81 15.31	13.87 15.37	13.93 15.43	13.99 15.49	14.05 15.55	14.11 15.61	14.17 15.67
Module Efficiency [%]	22.18	22.42	22.65	22.88	23.11	23.34	23.57
Power Tolerance					0~+3%		
Temperature Coefficient of Isc (Isco)					0.044%/°C		
Temperature Coefficient of Voc (Voc)					-0.250%/°C		
Temperature Coefficient of Pmax(Pmp)					-0.290%/°C		
Standard test environment					STC:Irradiance 1000W/m ² , Cell Temperature 25°C, Air Mass AM1.5		
					BNPI: Irradiance: front 1000W/m, rear 135W/m ² , Cell Temperature 25°C, AM=1.5		

Note: Due to continuous innovation, research and product upgrading, the parameters in this specification are not just a component, but can only be used for comparison between different types.

BIFACIAL OUTPUT-BACKSIDE POWER GAIN

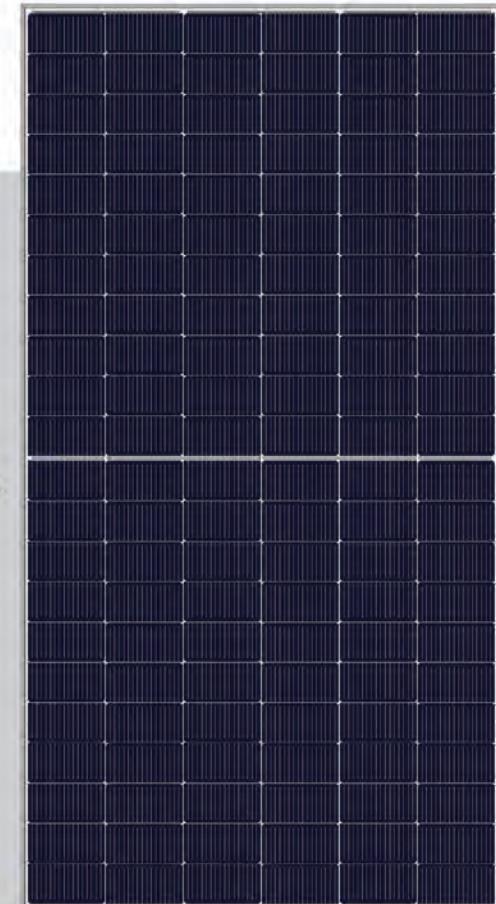
Model	ALPS60D30 -480/TP	ALPS60D30 -485/TP	ALPS60D30 -490/TP	ALPS60D30 -495/TP	ALPS60D30 -500/TP	ALPS60D30 -505/TP	ALPS60D30 -510/TP
5% Power Output	504	509	515	520	525	530	536
Module Efficiency	23.29%	23.54%	23.78%	24.02%	24.26%	24.51%	24.75%
10% Power Output	528	534	539	545	550	556	561
Module Efficiency	24.40%	24.66%	24.91%	25.17%	25.42%	25.67%	25.93%
20% Power Output	576	582	588	594	600	606	612
Module Efficiency	26.62%	26.90%	27.18%	27.45%	27.73%	28.01%	28.29%

Note: Please read the safety and installation manual before using the product. We reserve the right of final interpretation.
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ALPS66D30-TP 530-560W

High performance N-type
Double glass bifacial solar module



Made in EU

Production and development according to the highest quality standards.
Highly profitable
More energy yield over the same area even on cloudy or hot days.
Extremely durable
Outstanding cell stability and high breakage resistance thanks to patented SmartWire Connection Technology.
Consistently sustainable
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Guaranteed reliability
Industry-leading 25-year product and performance warranty.
Extremely aesthetic
Elegant Swiss design suitable for all roof shapes and sophisticated architecture.
Extremely practical
Convenient handling, maximum layout flexibility and maximum system performance thanks to compact format.

30 YEAR Linearity power and output warranty

25 YEAR Excellent products material and process warranty



Certificates

TUV CE UL
IEC 61215, IEC 61730
ISO 9001: Quality Management System
ISO 14001: Environmental Management System
ISO 45001: Occupational Health And Safety Management System

N-type module

Made in EU

MECHANICAL PROPERTIES

Solar Cells	N-type
Number of Cells	132(6×22)
Module Dimensions	2094×1134×30×15mm
Weight	28kg
Cable Cross Section Size	4mm²(IEC), 12AWG(UL)
Junction Box	IP68, 3 diodes
Connector	MC4 / EVO 2A
Cable Length(Including Connector)	290mm
Front Glass/Back Glass	2.0mm/2.0mm (White Grid Glass)
Packaging information	36pcs/Pallet, 720pcs/40HQ Container

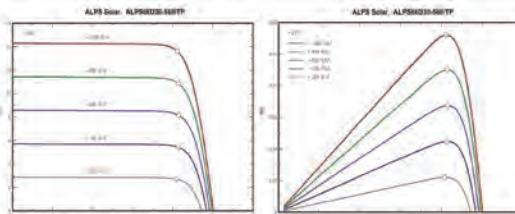
ALPS66D30-TP(530-560)



WORKING PARAMETERS

Maximum System Voltage	1500V DC (IEC)
Operational Temperature	-40°C→+85°C
Maximum Series Fuse Rating	30A
Maximum Static Load,Front*	5400 pa
Maximum Static Load, Back*	2400 pa
NOCT	45±2°C
Safety Class	Class A

CHARACTERISTICS



ELECTRICAL DATA (STC&BNPI)

Model	ALPS66D30 -530/TP	ALPS66D30 -535/TP	ALPS66D30 -540/TP	ALPS66D30 -545/TP	ALPS66D30 -550/TP	ALPS66D30 -555/TP	ALPS66D30 -560/TP
Testing Condition	STC BNPI	STC BNPI	STC BNPI				
Rated Maximum Power(Pmax) [W]	530 587	535 593	540 598	545 604	550 609	555 615	560 620
Maximum Power Voltage(Vmp) [V]	40.05 40.15	40.25 40.35	40.45 40.55	40.65 40.75	40.85 40.95	41.05 41.15	41.25 41.35
Maximum Power Current(Imp) [A]	13.23 14.63	13.29 14.69	13.35 14.76	13.41 14.82	13.46 14.88	13.52 14.94	13.58 15.01
Open Circuit Voltage (voc) [V]	48.90 49.00	49.10 49.20	49.50 49.40	49.50 49.60	49.70 49.80	49.90 50.00	50.10 50.20
Short Circuit Current(isc) [A]	13.94 15.44	14.00 15.50	14.12 15.56	14.12 15.62	14.18 15.68	14.24 15.74	14.30 15.80
Module Efficiency [%]	22.32	22.53	22.74	22.95	23.16	23.37	23.58
Power Tolerance					0~+3%		
Temperature Coefficient ofisc(isc)					0.044%/°C		
Temperature Coefficient ofVoc (Voc)					-0.250%/°C		
Temperature Coefficient ofPmax(Pmp)					-0.290%/°C		
Standard test environment					STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5 BNPI: Irradiance: front 1000W/m, rear 135W/m², Cell Temperature 25°C, AM=1.5		

Note: Due to continuous innovation, research and product upgrading, the parameters in this specification are not just a component, but can only be used for comparison between different types.

BIFACIAL OUTPUT-BACKSIDE POWER GAIN

Model	ALPS66D30 -530/TP	ALPS66D30 -535/TP	ALPS66D30 -540/TP	ALPS66D30 -545/TP	ALPS66D30 -550/TP	ALPS66D30 -555/TP	ALPS66D30 -560/TP
5% Power Output	557	562	567	572	578	583	588
Module Efficiency	23.44%	23.66%	23.88%	24.10%	24.32%	24.54%	24.76%
10% Power Output	583	589	594	600	605	611	616
Module Efficiency	24.55%	24.78%	25.01%	25.25%	25.48%	25.71%	25.94%
20% Power Output	636	642	648	654	660	666	672
Module Efficiency	26.78%	27.04%	27.29%	27.54%	27.79%	28.05%	28.30%

Note: Please read the safety and installation manual before using the product. We reserve the right of final interpretation. The specifications in this datasheet are subject to change without notice.



ALPS72D30-TP

580-610W

High performance N-type
Double glass bifacial solar module

N-type module



Made in EU

Production and development according to the highest quality standards.

Highly profitable

More energy yield over the same area even on cloudy or hot days.

Extremely durable

Outstanding cell stability and high breakage resistance thanks to patented SmartWire Connection Technology.

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Guaranteed reliability

Industry-leading 25-year product and performance warranty.

Extremely aesthetic

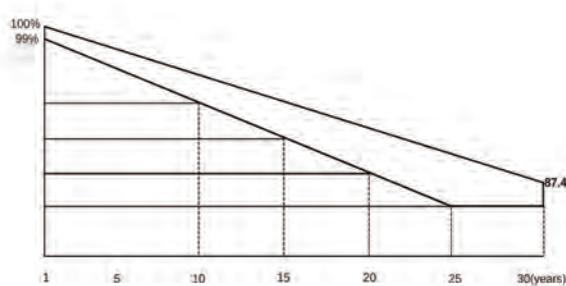
Elegant Swiss design suitable for all roof shapes and sophisticated architecture.

Extremely practical

Convenient handling, maximum layout flexibility and maximum system performance thanks to compact format.

30
YEAR
Linearity power and output warranty

25
YEAR
Excellent products material and process warranty



Certificates

- TUV CE UL
- IEC 61215, IEC 61730
- ISO 9001: Quality Management System
- ISO 14001: Environmental Management System
- ISO 45001: Occupational Health And Safety Management System

As of Version A1 2024-01

ALPS
SOLAR

Made in EU

MECHANICAL PROPERTIES

Solar Cells	N-type
Number of Cells	144(6×24)
Module Dimensions	2279×1134×30×15mm
Weight	31kg
Cable Cross Section Size	4mm ² (IEC), 12AWG(UL)
Junction Box	IP68, 3 diodes
Connector	MC4 / EVO 2A
Cable Length (Including Connector)	290mm
Front Glass/Back Glass	2.0mm/2.0mm (White Grid Glass)
Packaging information	36pcs/Pallet, 720pcs/40HQ Container

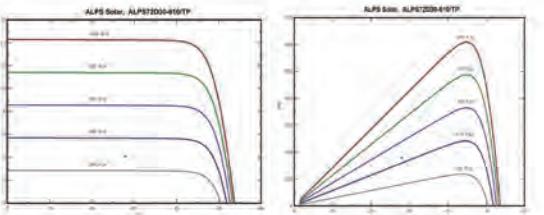
ALPS72D30-TP(580-610)



WORKING PARAMETERS

Maximum System Voltage	1500V DC (IEC)
Operational Temperature	-40°C~+85°C
Maximum Series Fuse Rating	30A
Maximum Static Load, Front*	5400 pa
Maximum Static Load, Back*	2400 pa
NOCT	45±2°C
Safety Class	Class A

CHARACTERISTICS



ELECTRICAL DATA (STC&BNPI)

Model	ALPS72D30-580/TP	ALPS72D30-585/TP	ALPS72D30-590/TP	ALPS72D30-595/TP	ALPS72D30-600/TP	ALPS72D30-605/TP	ALPS72D30-610/TP
Testing Condition	STC BNPI	STC BNPI	STC BNPI	STC BNPI	STC BNPI	STC BNPI	STC BNPI
Rated Maximum Power(Pmax) [W]	580 643	585 648	590 654	595 659	600 665	605 670	610 676
Maximum Power Voltage(Vmp) [V]	43.95 44.05	44.15 44.25	44.35 44.45	44.55 44.65	44.75 44.85	44.95 45.05	45.15 45.25
Maximum Power Current(Imp) [A]	13.20 14.59	13.25 14.65	13.30 14.71	13.36 14.77	13.41 14.82	13.46 14.88	13.51 14.94
Open Circuit Voltage (voc) [V]	52.50 52.60	52.70 52.80	52.90 53.00	53.10 53.20	53.30 53.40	53.50 53.60	53.70 53.80
Short Circuit Current(isc) [A]	13.93 15.43	13.99 15.49	14.05 15.55	14.11 15.61	14.17 15.67	14.23 15.73	14.29 15.79
Module Efficiency [%]	22.44	22.64	22.83	23.02	23.22	23.41	23.60
Power Tolerance	0~+3%						
Temperature Coefficient ofisc(isc)	0.044%/°C						
Temperature Coefficient ofvoc (Voc)	-0.250%/°C						
Temperature Coefficient of Pmax(Pmp)	-0.290%/°C						
Standard test environment	STC: Irradiance 1000W/m ² , Cell Temperature 25°C, Air Mass AM1.5 BNPI: Irradiance: front 1000W/m, rear 135W/m ² , Cell Temperature 25°C, AM=1.5						

Note: Due to continuous innovation, research and product upgrading, the parameters in this specification are not just a component, but can only be used for comparison between different types.

BIFACIAL OUTPUT-BACKSIDE POWER GAIN

Model	ALPS72D30-580/TP	ALPS72D30-585/TP	ALPS72D30-590/TP	ALPS72D30-595/TP	ALPS72D30-600/TP	ALPS72D30-605/TP	ALPS72D30-610/TP
5% Power Output	609	614	620	625	630	635	641
Module Efficiency	23.56%	23.77%	23.97%	24.17%	24.38%	24.58%	24.78%
10% Power Output	638	644	649	655	660	666	671
Module Efficiency	24.69%	24.90%	25.11%	25.33%	25.54%	25.75%	25.96%
20% Power Output	696	702	708	714	720	726	732
Module Efficiency	26.93%	27.16%	27.40%	27.63%	27.86%	28.09%	28.32%

Note: Please read the safety and installation manual before using the product. We reserve the right of final interpretation.
The specifications in this datasheet are subject to change without notice.