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Huawei FusionSolar
Smart PV Solution

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Intersolar 2018 Award Finalist Firms Appear

Intersolar, the Heart of Solar Energy Sector in Europe Finalists, who will be awarded in 2018, have been announced Sun ...



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Intersolar, the Heart of Solar Energy Sector in Europe 2018 Award Finalist Firms

Solar energy modules and inferior substructure: Intersolar AWARD 2018 finalists put forward efficient, digital and cost-saving solutions. The winners will be announced at Intersolar Europe, the world's largest solar energy fair, on June 20, 2018 in the B2 intelligent forum at B2.570 stand.

The Intersolar AWARD ceremony will take place on the first day of the fair. Over a decade, award winners have reflected developments in the modern energy supply and have been able to play an active role in the industry with new, groundbreaking innovations, shaping the future of energy. To qualify for the Intersolar Prize, candidates must attend at least one of this year's Intersolar, EES, Power2Drive or EM-Power exhibitions. Partners of participating companies can also offer innovations.

Finalists

ABB (Italy): ABB has released PVS-175-TL string inverter for 12 MPP large-scale FV installations. It is extremely efficient and has a tremendous power density. Other noteworthy features are the ability to work at 1500 V, integrated data logging and communication standards, installation implementation, various network integration features and ABB's ability to connect to the cloud system.

Ecoprogetti Srl (Italy): LED solar simulator with excellent measurement accuracy (AAA) Ecosun Bifacial was developed to measure the I / V properties of the front and rear sides of bifacial PV modules at the same time. Different irradiation densities can be selected for the rear side, which makes the test flexible and realistic.

Gujarat Borosil Ltd (India): The new 2-millimeter thick, fully tempered sun glass with anti-reflective coating features standard 3.2 mm glass. The new glass is thinner and provides higher transfer speeds. The production process uses air cushioning technology to prevent lanes, defective areas or color changes and to guarantee high production quality.

Hanwha Q CELLS GmbH (Germany): Semi-cut cell module designed with round wire contacts and six contacts (front contact) Q.PEAK DUO-G5 provides 19.9% modular efficiency with cost effective standard p-type cells . . Innovative technology Q.ANTUM DUO increases shadow tolerance by stabilizing, stabilizing, and passing current from each cell.

Huawei Technologies Co., Ltd. (China): 60 kW Smart String Inverter (SUN2000-60KTL-M0) only requires passive ventilation due to extremely high efficiency. The "intelligent PV inverter" is rightly credited with features such as online tracking of all connected sequences, including characteristic curve measurement, power line communication and a PID recovery mode.

Interfloat Corporation (Liechtenstein): Extremely low reflection sunscreen for PV modules thanks to special geometry and anti-glare coating GMB DEFLECT allows solar energy projects to be carried out in flash-sensitive areas such as traffic roads (railways, motorways, roads etc.). intersections), flight paths or dense residential areas.

Krinner Solar GmbH (Germany): CAS² optimizes the production of highly precise support systems for independent PV installations. Once the CAD based system design is completed, individual and optimized plans are prepared for each PV project and installation robots are checked with accuracy.

LG Electronics Inc. (South Korea): The LG Neon R series has a 6-inch monocrystalline high efficiency cell with multi-lane bare technology. With a modular performance guarantee of 25 years, high mechanical durability, reverse current carrying capacity and impressive temperature behavior, it is deserved to be recognized as a very high module over 21%.

Lumeta Solar (USA): The glassless Lusionta Lynx module for light roofs is attached to the roof surface using a thermoplastic adhesive. Special cable channels and connection boxes complete the concept. The use of monocrystalline PERC cells allows a module efficiency of 18.3%.

RenewSys India Pvt. Ltd. (India): CONSERV E 360 Polyolefin Elastomer Encapsulant's new encapsulation film is expected to replace EVA film, which is widely used in the production of solar modules. The material is particularly striking due to its high insulating ability, excellent protection against potential-induced degradation (PID), improved mechanical stability and low permeability to moisture.