

# 3rd Gen OPV



**OET is a world leader in R2R manufacturing and technologies for Flexible Organic Electronic holding more than 30 years of experience**

OET is a High-Tech company that specializes in manufacturing and production of Organic Flexible Semitransparent Photovoltaics (OPVs), and in precision metrologies and pulsed laser patterning tools for their integration in the OPV production line.

OET, through its latest successful R&D developments, has implemented a unique OPV panel which is differentiated from competitors for its adjustable transparency (25-50%) and ability to penetrate PAR. This product is particularly attractive for the Agricultural (AgrPV) segment, thanks to its outstanding performance, payback period, and aesthetic design.

OET offers an energy solution for Greenhouse Cultivation, using a protected transparent structure with electricity production. The solution includes the Flexible Semitransparent PVs (3rd Generation PV), and promotes sustainable farming with strong growth prospects and land use efficiency.

OET's unique core competencies include:

- R2R manufacturing and mass production of flexible semitransparent OPVs
- In-line pulsed laser patterning, and optical metrologies and quality control tools for process reliability
- Turn-key solutions for the design and development of highly performing OPV applications
- Low fabrication, installation, and maintenance costs
- Triple Land use Energy, Food and Water savings.

OET invests in young professionals with high expertise in rising and contemporary scientific fields, while matchmaking its human assets with established business professionals.

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