





RENEWABLE PHOTOVOLTAIC / WIND





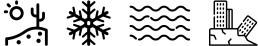


Our long-standing experience on oil filled transformers makes us a crucial partner for renewable energy application.
Our products proposal is fully
customised and suitable for every ambient conditions

- UP TO 5000M A.S.L. INSTALLATION
- AMBIENT TEMPERATURE UP TO +50°C AND -50°C (DESERTS OR ARCTICS)
- SEISMIC ZONES
- AMBIENT CORROSIVE CONDITIONS C5-VH IN COMPLIANCE WITH ISO 12944-5:2018

















## **ADDITIONAL ELECTRICAL SPECIFICATIONS**

- PV (Photovoltaic) Transformers
- High working performance in connection with a converter system (solid capacity to filter PWM,dv/dt, THDi)
- Possibility to design transformers up to 4 secondary highly decoupled
- Designed to achieve a long-lasting working life and reduce overall maintenance
- Fully compliance with IEC and IEEE C57.159 "Guide on Transformers for Application in Distributed Photovoltaic (DPV) Power Generation System"
- Transformers for BESS (Battery Energy Storage System) plant with or w/o Statcom compensator
- High working performance in reversible power flow
- Suitable to endure significant load change
- MTBF impressive high records

We have timely replied to the last ten years tendency of Photovoltaic market, that is demanding for a sensitive increase in transformer rated power, such as up to 10MVA on hermetically sealed type and as well impact on breathing type design.

WE HAVE PROMPTLY ACCEPTED THE CHALLENGE AND ADAPTED OUR PRODUCT CAPABILITY TO PERFECTLY MEET OUR CUSTOMERS' EXPECTATION.











## OUR TRANSFORMERS ARE SUITABLE FOR OUTDOOR APPLICATION, SUCH AS:

- Skid
- Mini-skid

## SKID-LESS AND FOR INDOOR APPLICATION, SUCH AS:

- Container
- Concrete station









RENEWABLE BESS



RENEWABLE PHOTOVOLTAIC / WIND



**HYDROGEN** 



**INDUSTRIAL** 



**DISTRIBUTION** 



POWER SUPPLY FOR CONVERTERS ENERGY TRANSFORMATION



OIL AND GAS OFFSHORE / ONSHORE HAZARDOUS / SAFE AREAS





