

# NOOR

INVERTER TECHNOLOGY

## WE INVERT YOUR POWER TO THE REALITY



# TECHNOLOGIES & PARTNERS.

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## LTI INVERTER

Manufacturing By Noor inverter Technology



LTI REenergy (Germany) is one of Germany's number 1 companies in inverter technology and has years of experience and technological expertise in electrical inverters, high quality products combined with the financial power of Körber Group.

Highest efficiency in the industry based on 40+ years of experience in inverter business now in Dubai

# Technical details

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Rated power ( $P_{ac,r}$ ): 2100 kW

MPP voltage range 590 V to 920 V

Maximum efficiency > 98.8 %

Ambient temp. : -20 °C to +50 °C

Cooling method: regulated air/liquid cooling (self-contained system)



# GERMANY ENGENNERING

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**ULTRA COMPACT AND ROBUST INVERTER  
ARCHITECTURE**

**(PVMaster ISO CONTAINER STATION)**

**IS DESIGNED BY LTI REENERGY IN GERMANY AND  
MANUFACTURED BY NIT IN DUBAI.**

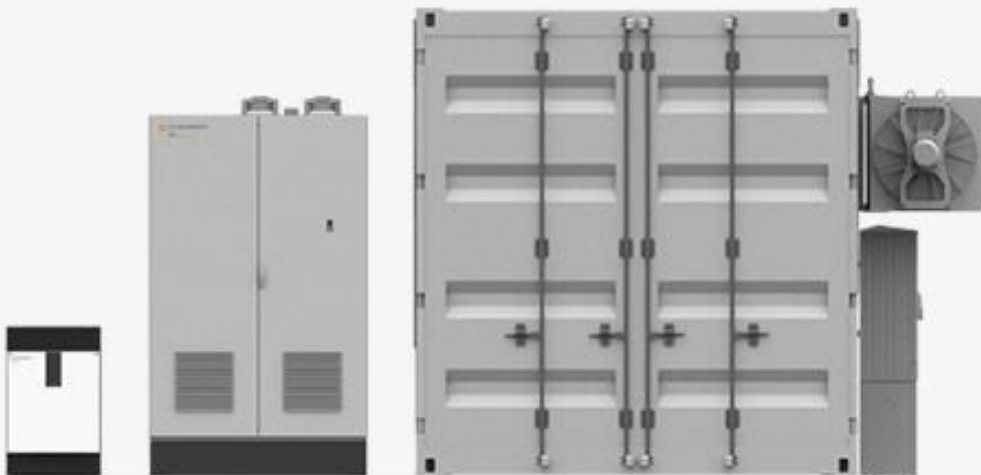


# Inverters suitable for harsh, especially dusty and high ambient temperature environments

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- » **Inverters suitable for harsh, especially dusty and high** ambient temperature environments
- » **Thermal losses directly removed from the source.**  
IGBT and Filter Choke heat are directly transferred outside the Container Station
- » **Less dust** in the cabinet through closed liquid cooling system ensures long lifetime
- » **Reliability** by use of components from the heavy industry with 24/7 operation
- » **Reduced self-consumption** compared to the conventional air cooling
- » **Proven quality standards:** DIN EN 62109 (Safety of power converters for use in pv power systems), DIN EN 61000-6-2/4 (Electromagnetic compatibility), DIN EN 61439-1 (Low voltage switchgear assemblies)
- » **Proven Track Record** and strong Technology Base from 40 years of experience in inverter technology - already iNEGalled over 1 million times
- » **Worldwide service support** ensured by a network of more than 40 Körber production companies

**NOOR**  
INVERTER TECHNOLOGY



# Products

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## LTI Single Phase Inverter



### Single MPPT

- LTI 3KW
- LTI 5KW

### Dual MPPT

- LTI 5KW

## LTI Three Phase Inverter



### Dual MPPT

- LTI 10KW
- LTI 15KW
- LTI 20KW
- LTI 23KW-MV
- LTI 30KW
- LTI 40KW
- LTI 46KW-MV

## LTI Central Inverter



### Central Inverter – Container station

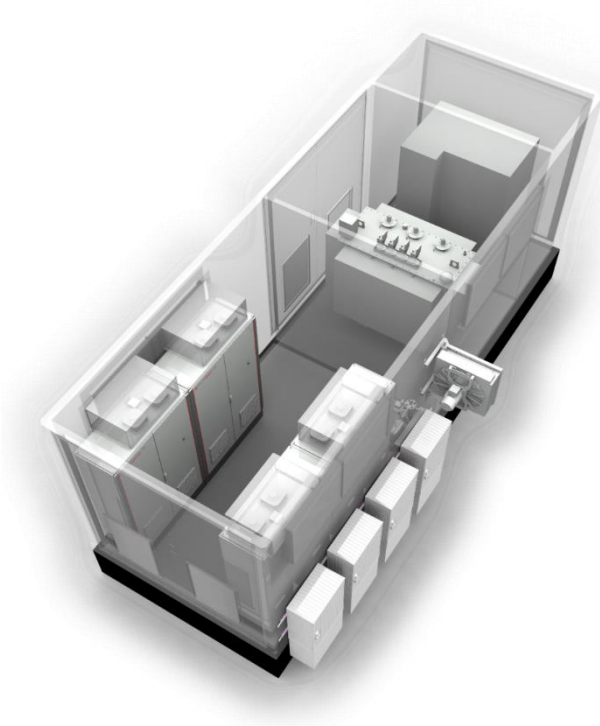
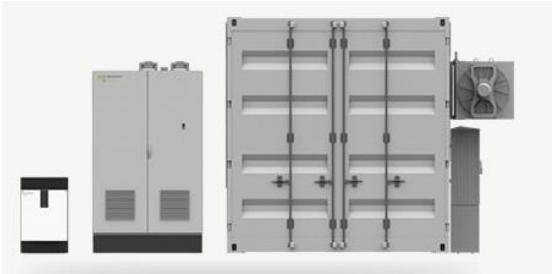
- PVI3.59.0600
- PVI3.59.0900
- PVI3.59.1200
- PVI3.59.1500
- PVI3.59.1800

### PV Master Concrete station

- PVC3.57.0999

# TECHNOLOGIES & PARTNERS.

## Optimized Package for Battery and Storage Connection



Battery and Storage under Construction





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