



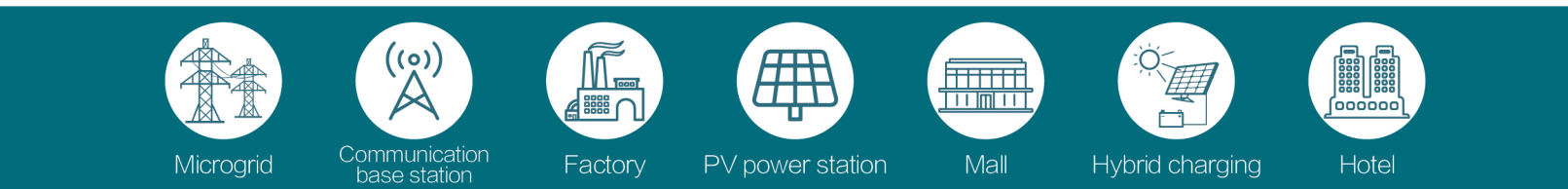
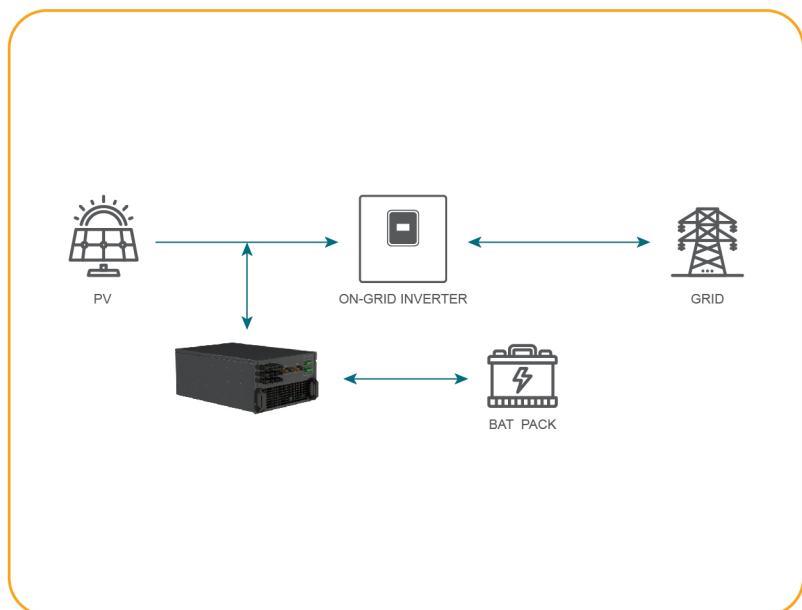
# DC/DC MODULE

LEI-20 / 30K-TL-C



## Product Features

- Compatible with various batteries , perfect protection function & strong environmental adaptability
- Wide DC input voltage range design
- Two-way energy flow, fast switching between charge and discharge
- Interleaved parallel, reduce capacitor ripple, improve service life
- Max. efficiency up to 98.5%
- Intelligent DSP digital control, data processing higher accuracy & faster speed
- Modular design, support expansion



Microgrid

Communication base station

Factory

PV power station

Mall

Hybrid charging

Hotel

## Technical Specifications

MODEL	LEI-20K-TL-C	LEI-30K-TL-C
PV Date		
Max. Input Voltage [V]	900	
MPPT Voltage Range [V]	250~900	
Number Of MPPTs/Number of PV Input Channels	3/6	
Input Power Per MPPT [W]	6500	10000
Max. Input Current Per MPPT [A]	25	
Battery		
Battery Type	Lithium,Lead-carbon,Lead acid,etc	
Operating Voltage Range [V]	250~650	
Protection		
Reverse Polarity Protection	Yes	
Overvoltage & Undervoltage Protection	Yes	
Overcurrent Protection	Yes	
Short Circuit Protection	Yes	
Surge Protection	Yes	
Efficiency		
Max. Efficiency	99.0%	
General Date		
Dimension (W * D * H) [mm]	483 * 650 * 240	
Weight [kg]	40	
Temperature Range [°C]	-30~+55	
Cooling Method	Temperature controlled fan cooling	
Ingress Protection	IP20	
Relative Humidity	0~95%,no condensation	
Altitude [m]	4000 (> 3000 derating)	
Scheduling Communication	Ethernet,RS485	
BMS Communication	RS485,CAN	
Communication Protocol	MODBUS-RTU/TCP	