



powering tomorrow  
**Growatt**

Your Choice For Inverter

**New Generation of TL-XE/XH Series**



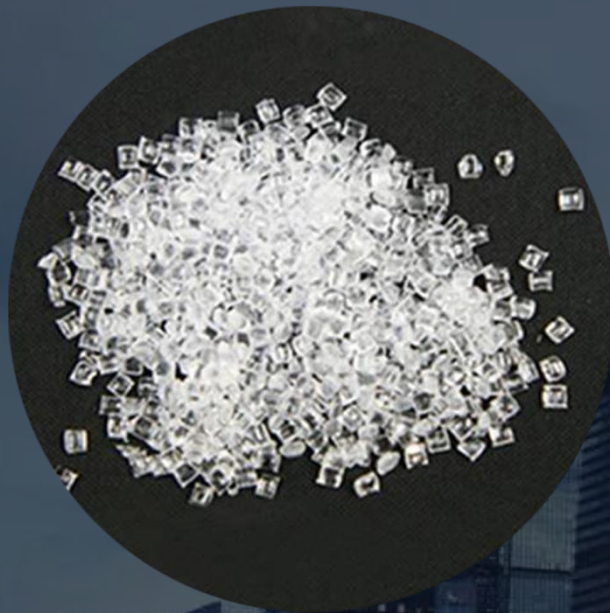
# MIN 2500-6000 TL-XE/XH

- MIN 2500 TL-XE/XH \*
- MIN 3000 TL-XE/XH
- MIN 3600 TL-XE/XH
- MIN 4200 TL-XE/XH
- MIN 4600 TL-XE/XH
- MIN 5000 TL-XE/XH
- MIN 6000 TL-XE/XH

\* The difference between XE and XH is XH series have battery interface, you can expand it to be a storage system.

# High Polymer Top Cover

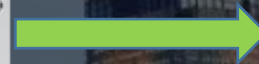
Light / Durable / Flame-retardant



Polycarbonate



14Kg



10.8Kg

30% lighter than the MTL-S series, also more lighter than the same level inverter on the market.

# Excellent HMI Experience

## OLED display

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Elegant

Clear

Low consumption

Low-temperature durable



## Touch button

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Excellent experience

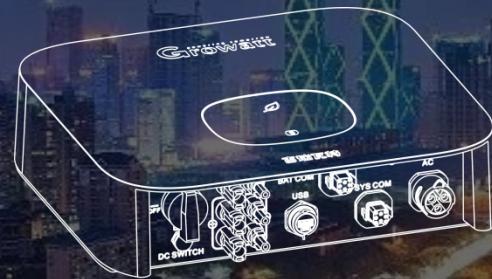
Long life span

# Integrated Top Cover Design



## Elegant looking

No screws on top cover  
More elegant looking



## Fewer gaps

More waterproof and dustproof,  
no fear of harsh environment

# Optimized Mechanical Design



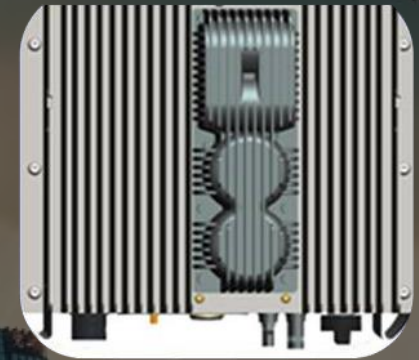
## Optimized layout

- Invisible cable routing, elegant from inside out
- Air inside is more circulated quick heat dissipation low temperature anti-icing



## Patented glue inductance technology

- High temperature rapid cooling
- Low temperature not deformed



## Separate inductor compartment

- Efficient heat dissipation
- Avoid influence the main circuit
- Long life span

# Harsh Environmental Tolerance

(Especially the low temperature durable)



**+60°C**



**100% Humidity**



**-35°C(better than other inverter)**



**4000m**

# Comprehensive Protection



**DC SPD  
Type II**



**AFCI Optional**



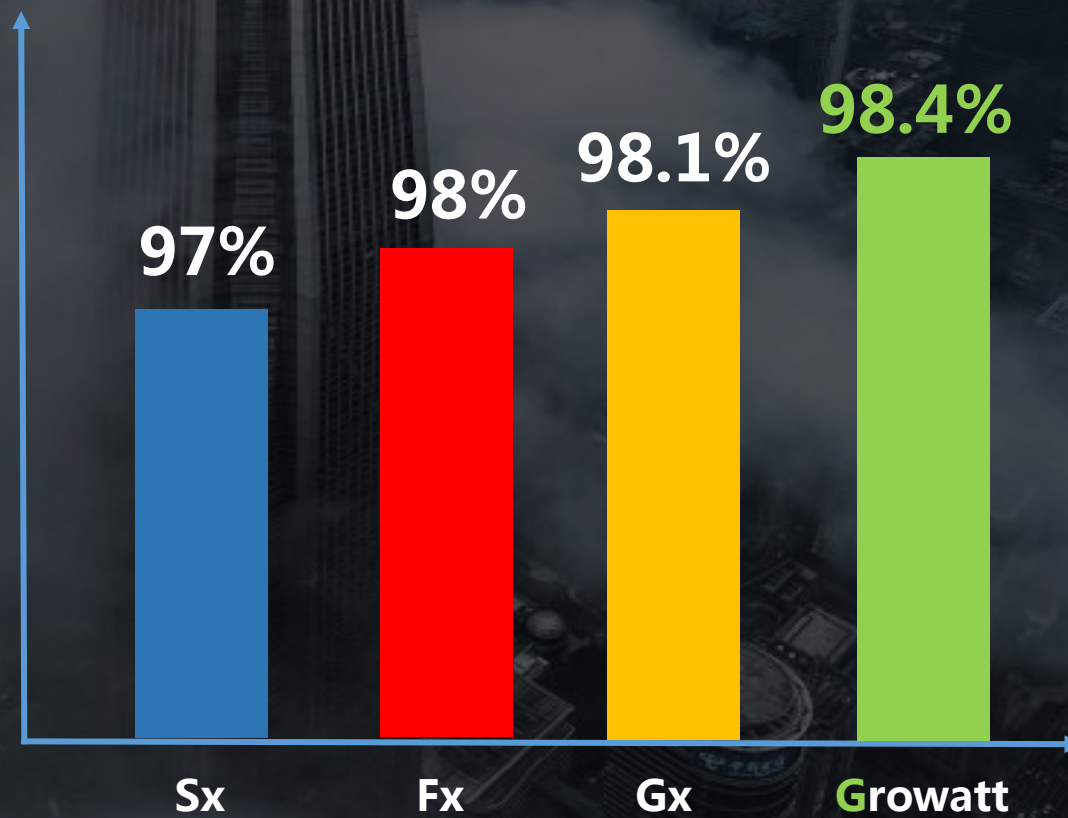
**Reserve Connection  
Protection(INV&BAT)**





**98.4%**

# Higher Efficiency



# Higher Yields



12.5A

String current

2

MPP Trackers

1.4

DC/AC ratio

12.5A suitable for double-side modules, 2 MPP trackers with super oversize ability bring higher yields.

# Diverse Monitoring Options

(Support WIFI/GPRS/4G/RF/RS485)



WIFI-X/GPRS-X/4G-X



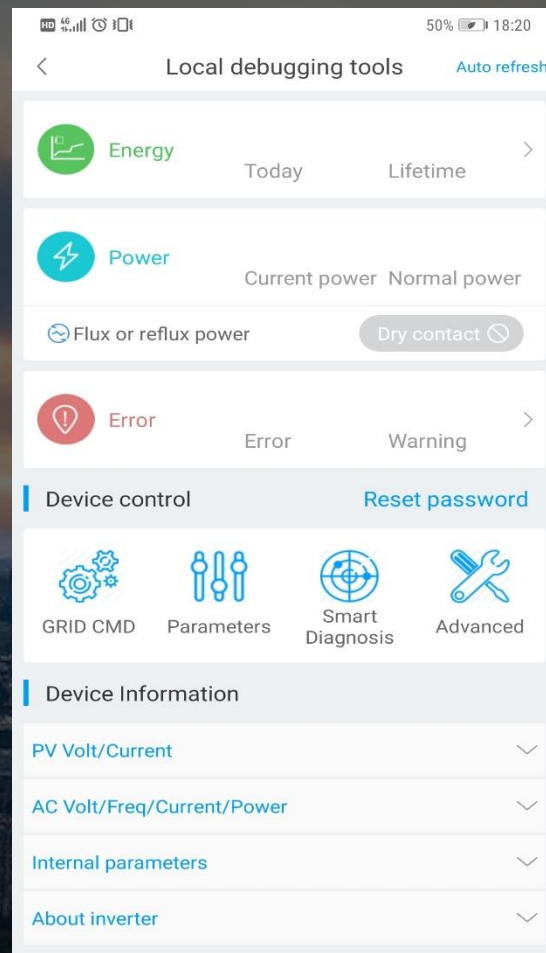
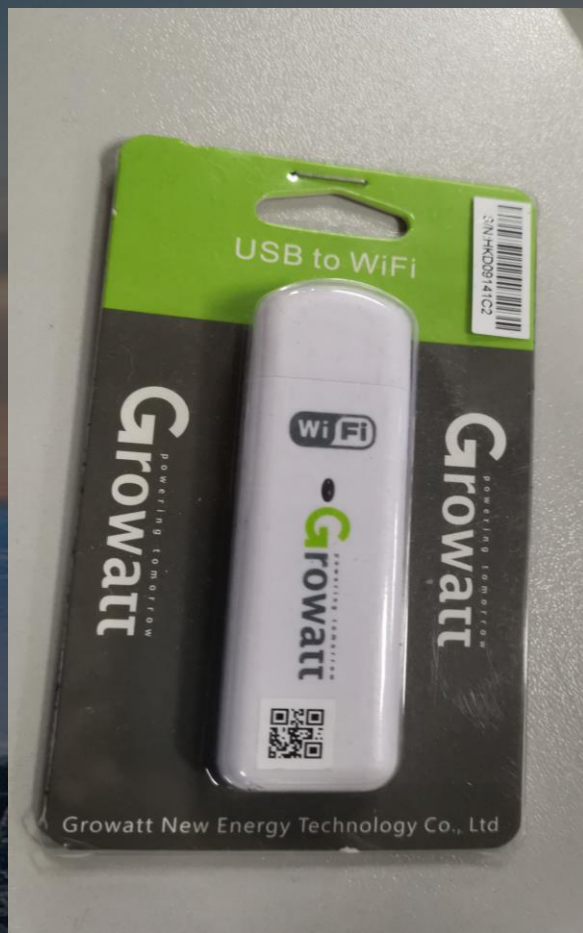
ShineLink-X(RF)



Smart Meter(RS485)

(support Export Limitation and Self-Consumption monitoring)

# Local USB Wifi Debugging Tool



Excellent installation and configuration experience

Configure inverter by your phone

# Strong Adaptability



## +Optimizer

Reduce shading effect  
Improve generation



## +Storage(XH)

Storage retrofit  
Optimize  
self-consumption



## +IoT

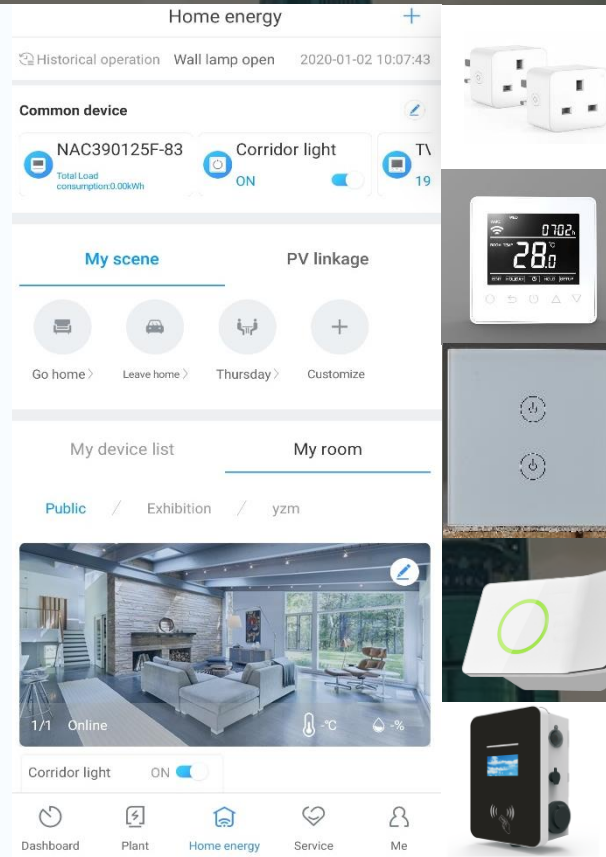
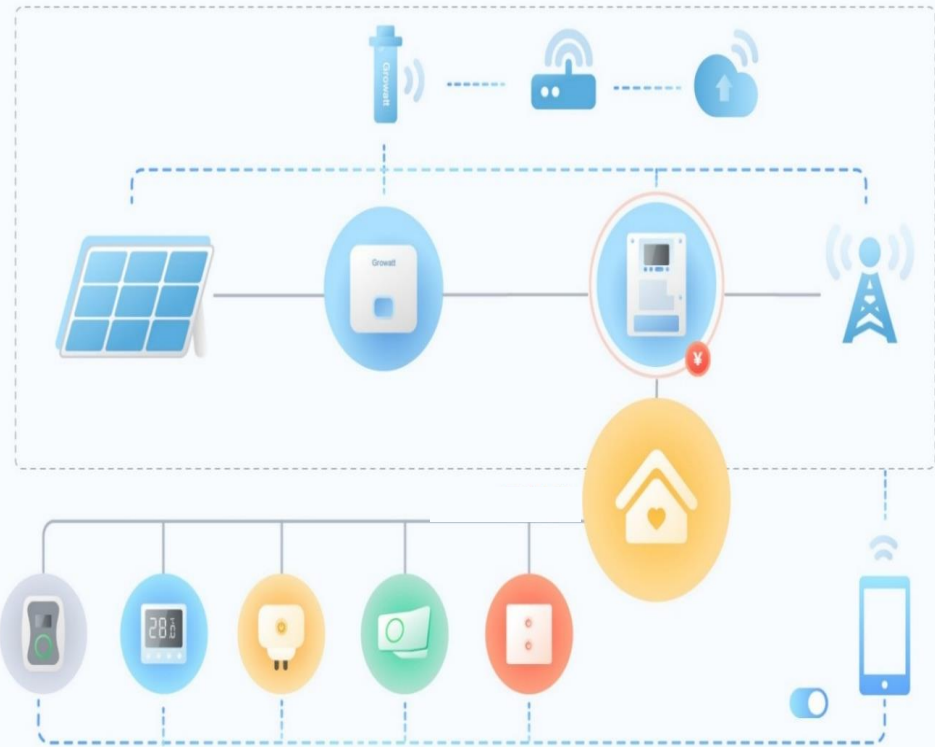
Build smart home  
Use smart energy

# Storage system diagram



- ◆ Powerful new battery
- ◆ Pure Battery Ready
- ◆ EPS function
- ◆ Self-Consumption monitoring

# IOT System Diagram



- ◆ I/O port, remotely control on/off
- ◆ Compatible smart home devices
- ◆ Maximum your PV self- consumption
- ◆ Flexible program, enjoy smart life

One of the most popular inverter in Australia  
Installation **10,000+**

Sydney, Australia  
8K system, **MIN 4000TL-X\*2**





Melbourne, Australia  
10K system, MIN 5000TL-X\*2





Thanks