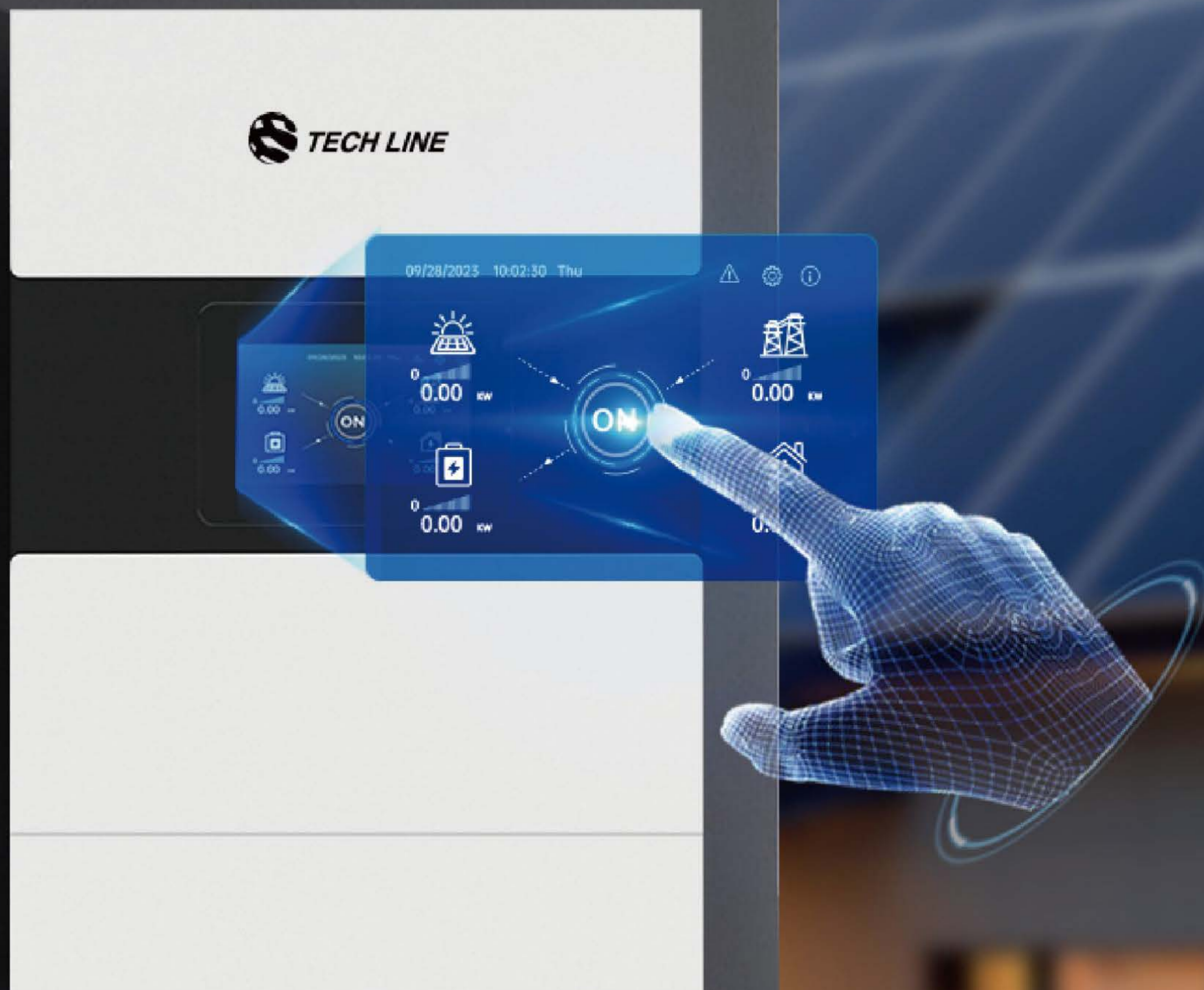


Full screen touch control hybrid inverter

Support three-phase mode,
support grid connection mode



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Smart touch Technology has changed life

Easy to install and maintain

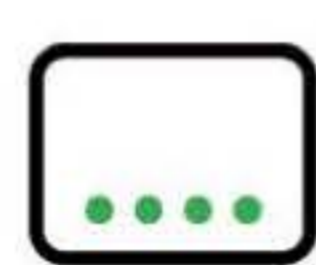
- Single-phase hybrid solar inverter.
- Support lithium battery charging and discharging management.
- Optional Wifi module, support remote App monitoring



Natural cooling
without noise



Overprovision
by 2 times



OLED display
intelligent diagnosis



Full screen
touch control



Flexible online
monitoring

Specifications

Technical Parameters

Model	SC HFC 3500-48	SC HFC 5500-48
Rated power	5500VA/5500W	

Input parameters

Voltage	230V AC	
Optional voltage Range	170-280VAC (personal computer) 90-280VAC (household appliances)	
Frequency Range	50Hz/60Hz (adaptive)	

Output parameters

AC stabilized voltage	230V AC±5%	
Surge power	7kVA	11kVA
Peak efficiency	93.5%	
Switching time	10ms(For PC), 20ms(For Home Appliances)	
Wave form	Pure Sine Wave	

Battery parameters

Battery type	Lead acid + Lithium battery
Battery voltage range	42-60V
Charging curve	Three-Stage
Lithium battery-charging strategy	Adaptive to lithium battery

Photovoltaic Charging & AC Charging

Maximum photovoltaic power	3500W	5500W
Maximum PV open circuit voltage	500V DC	
MPPT range & working voltage	120~450V DC	
Maximum solar charging current	100A	
Maximum AC charging current	60A	

General parameters

Product size(mm)	302*490*120	
Package size(mm)	346*536*178	
Net weight(kg)	8.5	9.7
Communication Interface	RS232/RS485CAN /Drycontact	
Relative humidity	5%to95%	
Operating temperature	-10°C to 50°C	
Storage temperature	-15°C to 60°C	