

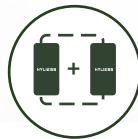
# Hybrid Inverter(6~10kW)



## Efficient Power Generation

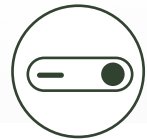
The Highest Efficiency 98.2%

Intelligent MPPT Calculation, Track Efficiency 99.99%



## Multi Parallel Operation

Max 10pcs In Parallel



## Intelligent Switch

Programmable Working Modes



## Communication Mode

Support APP RS485/WiFi



## Safe And Reliable

Protection Class IP65, High Power Quality  
No Interfere To Electrical Equipments



## Wide Voltage Range

PV Voltage Range 180V-950V  
Battery Voltage Range 180V-550V

# Technical Specification

Technical Specification	HLS-Inverter-06T	HLS-Inverter-08T	HLS-Inverter-10T
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## PV Input

Max.PV input power(W)	7800	10400	13000
Max.PV input voltage(V)		1000	
MPPT Operating Voltage Range (V)		180-950	
MPPT Number Of Ways/ Strings		2/1	

## Battery Parameters

Max Input/Output Voltage		550	
Operating Voltage Range (V)		180-550	
Max Charge/Discharge Current (d.c.A)		25/30	
Max Input/Output Power	6000/6000	8000/8000	20000/20000

## AC Parameters (Grid-Connected)

Rated Power (W)	6000	8000	10000
Max Apparent Power	6000	8000	10000
Rated Voltage (Vac)		380,3L/N/PE	
Rated Frequency (Hz)		50/60	
Max Output Current (A)	10	12	15
Power Factor Range		~1(0.8advance~0.8lag settable)	
Total Harmonic Distortion Of Current (@ Rated Power)		<3%	

## AC Output Parameters(Off-Grid)

Rated Output Power (W)	6000	8000	10000
Max Apparent Output Power	6000	8000	10000
Rated Output Voltage (Vac)		380,3L/N/PE	
Rated Output Frequency (Hz)		50/60	
Max Output Current (A)	10	12	15

## Basic Parameters

Operating Temperature Range	-25°C... + 60°C(>45°C derating)		
Working Altitude (m)	<4000 derating		
Noise Index(dB)	<40		
Topological Structure	transformerless isolation		
Type Of Cooling	free convection		
Protection Class	IP65		
Relative Humidity Range	0~100% without condensation		
DC Connector Type	MC/amphenol/phoenix		
AC Connector Type	plug-in connector		
Man-Machine Interact Mode	LCD		
Cloud Communication Mode	RS485(WiFi/GPRS selectable)		
BMS Communication Mode	CAN		
Electric Meter Communication Mode	RS485		
Installation Method	wall-mounted		
Size (W*D*H)(mm)	505*570*220		
Weight(kg)	21	23	23
Max Efficiency	>98.2%		

## Certificates

IEC61000/IEC62109	AS4777.2,NRS097-2-1:2017		
EN50549	VDE-AR-N 4105:2018	EN 50549-1:2019+AC:2019-04	IEC62109,AS62040.1,AS/NZS4777.2