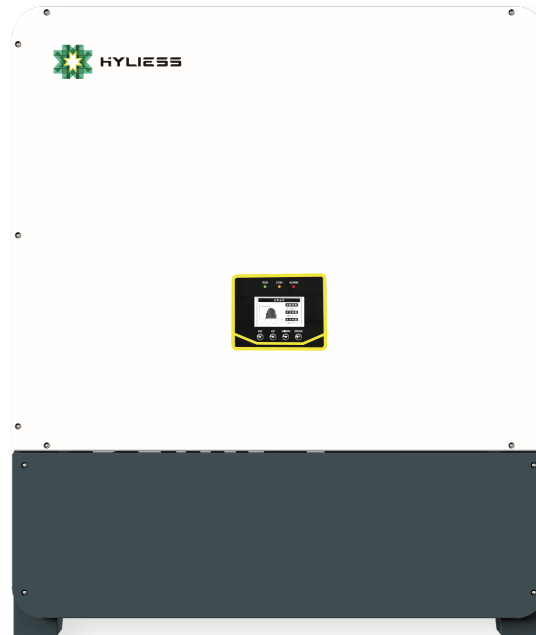
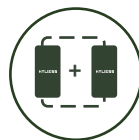


Hybrid Inverter(30~60kW)



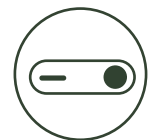
Efficient Power Generation

High Current Instantaneous Switch
Between Charging And Discharging



Multi Parallel Operation

Max 15pcs In Parallel



Intelligent Switch

Programmable Working Modes



Communication Mode

Support APP RS485/WiFi



Safe And Reliable

IP54, All-Aluminum Body,
Built-In Electric Leakage Protection



Wide Voltage Range

PV Voltage Range 180V-1000V
Battery Voltage Range 220V-800V

Technical Specification

Technical Specification	HLS-Inverter-30T	HLS-Inverter-40T	HLS-Inverter-50T	HLS-Inverter-60T
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PV Input

Maximum input power (W)	36000	48000	60000	72000
Maximum input voltage (V)	1000			
MPPT Operating Voltage Range (V)	180-900/630			
MPPT Operating Voltage Range At Rated Power	300-900	400-900	400-900	450-900
Starting Voltage	180			
Max Input Current (d.c.A)	36/36/36	36/36/36	36/36/36/36	36/36/36/36
Max Short Circuit Current (d.c.A)	42/42/42	42/42/42	42/42/42/42	42/42/42/42
MPPT Number Of Ways/ Strings	2/2/2	2/2/2	2/2/2/2	2/2/2/2

(AC)On Grid-Connected Parameters

Rated Power (W)	30000	40000	50000	60000
Max Apparent Power	30000	40000	50000	60000
Rated Voltage (Vac)	400,3l/N/PE			
Rated Frequency (Hz)	50/60			
Max Current (A)	45	60	75	87
Power Factor Range	0.8 ind...0.8 cap			
Total Harmonic Distortion Of Current (@ Rated Power)	<3%			

Battery

Max Input/Output Voltage	800			
Operating Voltage Range (V)	220-800			
Max Charge/Discharge Current (d.c.A)	100/100			
Max Input/Output Power	30000	40000	50000	60000

Off-Grid Parameters

Rated Voltage(a.c.V)	400,3l/N/PE			
Rated Frequency (Hz)	50/60			
Rated Output Current (a.c.A)	45	60	75	87
Rated Output Power (W)	30000	40000	50000	60000
Max Apparent Output Power	30000	40000	50000	60000
Max Unidirectional Apparent Power Output (VA)	10000	13000	17000	20000
Grid And Off-Grid Network Switching Time	<10ms			

Basic Parameters

Size (W*D*H)(mm)	800*600*280			
Weight(kg)	50			
Operating Temperature Range	-25°C... + 60°C(>45°C derating)			
Noise Index(dB)	<=40dB(A)			
Working Altitude (m)	<=4000m(>2000m derating)			
Topological Structure	transformerless			
Heat Dissipating Method	Integrated fan			
Protection Class	IP54			
Relative Humidity Range	5-90%			
DC Interface Type	quick-plug terminal			
AC Interface Type	terminal			
Display	LCD			
Topological Structure	RS485(WiFi/GPRS)			
Installing Mode	wall-mounted/grounded			
Max Efficiency	>98.2%			