

Solar-ECO Inverter

ECO Expert, Healthy Air



KEY FEATURES



0 Bill



Solar & Grid Auto Balance



Wide Voltage



Self-Clean

ULTIMATE ECO

DC Solar Power Direct Drive

Equipped with innovative design and solar power module, just plug in MC4, connector, the units can be driven by the DC solar power to run cooling mode. All-DC inverter solar drive design with MC4 connector allows easy connection to solar panels, No need to buy additional inverter and battery sets. DC direct drive, low energy loss. No need to switch between AC and DC.

Solar & Grid Auto Balance

It is equipped with an innovative solar power management module and an auto balance control system. When the AC is connected with both solar power and power grid, AC operates with solar power first. When solar power can not support AC, power grid automatically connect and support AC operation together with solar power. This technology can save electricity bill at the greatest extent and deliver constant cooling experience to users.

ULTIMATE RELIABLE

Wide Voltage

Inverter Plus adjusts DC voltage to achieve stable operation between 150V-264V with ideal voltage control. In remote areas, users can enjoy cool air despite power fluctuations.

ULTIMATE HEALTH

Self Clean

Freezes the evaporator with moisture in the air, and removes away dirt in rapid melting, ensuring the air that comes out of air conditioners is always healthy for you.



ULTIMATE SMART

WIFI

Imagine when you're hurrying back to your home in hot summer, or lying on the sofa at home but cannot find the remote controller. What you want is easily accessible control of your air conditioner at any time and from anywhere with the App on your phone or tablet.



ULTIMATE FIT

Easy to Install

Save 50% of Installation Time. Matters a lot to installer's working efficiency, and means more income to them during peak season as well. Haier air conditioner is truly easy to install with various optimized components.



Easy to Disassemble

Easy to Disassemble and Wash All Parts of the Air Way. Optimizes the structure of the indoor unit of air conditioner by simplifying the disassembly of core components including PCB, motor and fan, making the maintenance and cleaning easier than ever before.



Easy to Maintain

Save 50% of Maintenance Time. Optimizes structure design, simplified disassembly and maintenance steps of PCB and motor.



Solar-ECO Inverter			
Model Name		Indoor model	GS18FB32I1(I)(INV)
		Outdoor model	GS18FB32E1(I)(INV)
Cooling			
Capacity	Nominal	Btu/h	18200.00
	Nominal	kW	5.35
Energy Efficiency	EER		3.60
Energy Class			A+
Power Input	Nominal	kW	1.49
Running Current		A	6.59
Annual Energy Consumption		kWh/a	0.7425
Operating Limits	Min-Max	°C	18-46°C(out)
Heating			
Capacity	Nominal	Btu/h	19100.00
Capacity	Nominal	kW	5.60
Energy Efficiency	COP		3.90
Energy Class			A
Power Input	Nominal	kW	1.44
Running Current		A	6.36
Annual Energy Consumption		kWh/a	0.7175
Operating Limits		°C	-7-24°C(out)
Power Supply	Ph/V/Hz		AC230V/50HZ; DC80-380V
	Position		outdoor
Indoor			
Net Dimension	W/D/H	mm	999*223*327
Package Dimension	W/D/H	mm	1100*420*313
Net/Shipping Weight		kg	12.5/15
Air Flow (Cooling/Heating)	Max	m³/h	900
Sound Pressure Level	Hi/Mid/L0/Lo/So	dB(A)	47/43/39/35
Moisture Removal		10-3m³/h	2.00
Outdoor			
Net Dimension	W/D/H	mm	820*306*642
Package Dimension	W/D/H	mm	940*390*697
Net/Shipping Weight		kg	37/43
Sound Pressure Level	Hi	dB(A)	58.00
Refrigerant Type	R410a/R32		R32
Refrigerant Charge	R410a/R32	g	1050
Refrigerant Pipe	Liquid Side Diameter	mm	6
	Gas Side Diameter	mm	12
	Max Pipe Length/Height	m	15/10