



EnerSolis

ES 25600HC

Three Phase Grid Connected Photovoltaic Inverter

- Acceptable Input Voltage up to 1000 Vdc
- Transformer-less Topology
- Maximum Efficiency 98.2%
- Protection Class IP65
- Dual Independent MPP Trackers
- Intelligent MPPT Technology
- Active and Passive Anti-islanding Technology
- Compact Design
- User Friendly LCD Display
- High MTBF Components
- Maximum Output Power Clamping
- Multi-Operation Mode
- Multi-Country Certification
- Temperature-dependent Fan Cooling
- Integrated DC Switch
- High Performance DSP Controller
- Built-in RS485 Communication Ports
- Firmware Upgradability
- Wide MPPT Voltage Range with Nominal Power
- Allowable De-rating Operation

Item	Model		ES 25600HC
DC Input Data	Nominal DC Voltage		620 Vdc
	Max. DC Input Voltage		1000Vdc
	Start-up Input Voltage		250Vdc
	Max. DC Input current		40Amp x2
	MPPT Voltage Range		200Vdc~1000Vdc
	MPPT		2
	Module Capacity		1.2 time
AC Output Data	Nominal AC Power		25.6 kVA/25.6 kW
	Nominal AC Voltage		220/380 Vac
	Output Connect Method		3P4W (R,S,T,N,PE)
	Nominal AC Current		38.7Amp x3
	Max. AC Current		40.81Amp x3
	Frequency		50/60Hz
	Power Factor		0.8Lead~0.8Lag
	THD		Comply with IEEE519
Efficiency Data	Max. Efficiency		98.2%
	Euro Efficiency		98%
Environmental	Operating Temperature		-25 °C ~ +60 °C
	Humidity		0~100% (Without condensation)
	Altitude		0-2,000 m / 0-6,600 ft
Mechanical	Dimensions (W x D x H mm)		486 x 293 x 830
	Net Weight		62kg
	Protection Class		IP65 · Outdoor
	Cooling		Forced air cooling
Communication	Communication Interfaces		RS485
	Display		LCD+LED
Protection	DC	Standard	DC Switch, DC Isolation fault, SPD
	AC	Standard	Ground fault, Over Current, SPD
		Islanding operation detection	Passive: Voltage phase jump detection Active: Reactive power control
Certification	Safety		EN 62109-1, EN 62109-2, CNS 15426-1, CNS 15426-2
	On-Grid Performance		VDE-AR-N 4105, CNS 15382
	EMI/EMC		CNS 14674-2, CNS 14674-4, EN61000-6-2, EN61000-6-4
	Current Distortion		IEEE-519
	International Protection		CNS 14165 IP65
	Corrosion Standard		IEC 60068-2-52(severity 5)