EnerSolis Series
Grid-Connected Three Phase

ES25600HC

- High Maximum Efficiency up to 98.1%

- Wide Input Voltage range 300~1000Vdc

- Dual Independent MPP Trackers

- High Performance DSP Controller

- Integrated DC Switch

- Protection Class IP65

- Automatic Convection Cooling Switch

- Compact Design and Easy to Install

- User Friendly LCD Display

- Built-in RS485 Interface Port

- TUV Rhineland Product Safety Certified

- EnerSolis Cloud-based Monitoring and Maintenance Platform

Model		ES25600HC
Inverter Technology	Conversion Mode	Sine-wave, Current source, High frequency PWM
	Isolation Method	Transformer-less Design
DC Input Data	Nominal DC Voltage	620 Vdc
	DC Voltage Range	300Vdc~1000Vdc
	Max. Input Current	22.7Amp
	MPPT Voltage Range	370Vdc~950Vdc
	Number of MPPT	2
	Module Capacity	1.2 times (Max.)
AC Output Data	Nominal AC Power	25600VA/25600W
	Nominal AC Voltage	220/380 or 230/400 Vac
	Output Wiring	3 Phase 4 Wires (L1,L2,L3,N,PE)
	Nominal AC Current	37.1 Amp x 3
	Frequency	50 or 60 Hz (Selectable)
	Power Factor	0.8 leading ~ 0.8 lagging
	Current Distortion	Total Harmonic current: Less than 5%
Frequency	Peak Efficiency	>98.1%
Environment	Operation Temperature	-25°C ~ 60°C
	Humidity	0 ~ 100% (non-condensing)
	Altitude	0 ~ 2,000m
Physical	Dimension (WxDxH)	457 x 279 x 805mm
	Weight	62Kg
	Protection Class	IP65, outdoor
	Cooling	Convection cooling
Interface Ports	Standard	RS485
Protection	Utility	Over/under Voltage, Over/under Frequency Ground Fault, DC Isolation Fault
	Islanding operation detection	Passive: Voltage phase jump detection
		Active: Reactive power control
Certifications	Safety	EN 62109-1, EN 62109-2
	Grid	VDE-AR-N 4105
	EMC/EMI	EN61000-6-2, EN61000-6-4
	Harmonics	IEEE-519-1992
	Waterproof	CNS 14165

*Specifications subject to change without notice.
**Depending on the model and voltage, please contact Ablerex for more information.
***The same technical specification may be sold in different courtiers under different model names, please consult Ablerex for more information.