

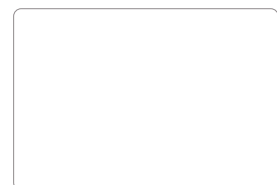
EnerSolis

ES3060KB / ES3063KB / ES3066KB / ES3075KB Three Phase Grid Connected Photovoltaic Inverter

- Acceptable Input Voltage up to 1000 Vdc
- Transformer-less Topology
- Maximum Efficiency 98.5%
- Protection Class IP66
- Four 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

EnerSolis Series

Item	Model	ES3060KB	ES3063KB	ES3066KB	ES3075KB
DC Input Data	Nominal DC Voltage	630 Vdc		750Vdc	
	Max. DC Input Voltage	1000Vdc			
	Start-up Input Voltage	250Vdc			
	Max. DC Input current	40Amp x4			
	MPPT Voltage Range	200Vdc~1000Vdc			
	MPPT	4			
	Module Capacity	1.2 time			
AC Output Data	Nominal AC Power	60kVA/60kW	63kVA/63kW	66kVA/66kW	75kVA/75kW
	Nominal AC Voltage	230/400 Vac		277/480 Vac	
	Output Connect Method	3P3W/3P4W			
	Nominal AC Current	91Ampx3	91.3Ampx3	79.5Ampx3	91Ampx3
	Frequency	50/60Hz			
	Power Factor	0.8Lead~0.8Lag			
	THD	Comply with IEEE 519			
Efficiency Data	Max. Efficiency	98.4%	98.3%	98.5%	98.5%
	Euro Efficiency	98.1%	98.0%	98.2%	98.2%
Environmental	Operating Temperature	-25 °C ~ +60 °C			
	Humidity	0~100% (Non- condensation)			
	Altitude	0-2,000 m / 0-6,600 ft			
Mechanical	Dimensions (W x D x H mm)	595 x 303 x 970 (including the bottom stand)			
	Net Weight	75kgs			
	Protection Class	IP66 · Outdoor			
	Cooling	Forced air cooling			
Communication	Communication Interfaces	RS485/Bluetooth			
	Display	LED+APP			
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	CNS 15426-1, CNS 15426-2			
	On-Grid Performance	CNS 15382			
	EMI/EMC	CNS 14674-2, CNS 14674-4			
	Current Distortion	IEEE-519			
	International Protection	CNS 14165 IP66			
	Corrosion Standard	IEC 60068-2-52(severity 5)			



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