verter

Three Phase Inverter For Delta Grids

SE25K / SE30K / SE33.3K





Specifically designed to work with power optimizers

- Fixed voltage inverter for superior efficiency (98.3%) and longer strings
- Quick and easy inverter commissioning directly from a smartphone using the SolarEdge SetApp
- Small, lightest in its class, and easy to install
- Integrated type 2 DC Surge Protection, to better withstand lightning events
- Øptional RS485 and type 2 AC Surge Protection

- Built-in module-level monitoring with Ethernet, wireless or cellular communication for full system visibility
- Advanced safety features integrated arc fault protection and optional rapid shutdown
- IP65 Outdoor and indoor installation
- Optional integrated DC Safety Unit eliminates the need for external DC isolators
- Future-proof for SolarEdge energy storage solution



/ Three Phase Inverter For Delta Grids

SE25K / SE30K / SE33.3K

SE25K SE30K SE33.3K OUTPUT 5000 17300 19200 Maxmum AC Apparent Output Power 14500 17300 19200 AC Corput Veltage - Line to Ise/ Line to Neutral 1841 1841 - 2643 AC AC Corput Veltage - Line to Ise/ Line to Neutral 1841 - 2643 AC AC AC Corput Veltage - Line to Line / Line to Neutral 1841 - 2643 AC AC AC Corput Veltage - Line to Line / Line to Neutral 1841 - 2643 AC AC AS 5 43.5 43.5 AC Corput Veltage Line Connections 36.5 34.5 43.5 43.5 43.5 AC Corput Veltage Line Connections 4.3 Personal Line monito Decomposition AS AB 3000 Transforme-Resonal Line Line Line Line Line Line Line Line		SEXXK-BEX0IXXXX		Applicable to inverters with part number	
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AC Output Gland Diameter / Line cross section / PE cross section Cable diameter 19 - 28 mm / 4 - 16 mm² / 4 - 16 mm² DC Input ⁽⁶⁾ 4 MC4 pairs DC Input with Safety Unit ⁽⁶⁾⁷⁾ 4 Strings: Gland: Cable outer diameter 5 - 10 mm / Wire cross section 2.5 - 16 mm²					INSTALLATION SPECIFICATIONS
DC Input ⁽⁶⁾ 4 MC4 pairs DC Input with Safety Unit ⁽⁶⁾⁽⁷⁾ 4 MC4 pairs 4 Strings: Gland: Cable outer diameter 5 - 10 mm / Wire cross section 2.5 - 16 mm ²		5 mm ²	le diameter 19 - 28 mm / 4 - 16 mm² / 4 - 1	Cable	
DC Input with Safety Unit ⁽⁶⁾⁽⁷⁾ 4 MC4 pairs 4 MC4 pairs 4 Strings: Gland: Cable outer diameter 5 - 10 mm / Wire cross section 2.5 - 16 mm ²				Cubi	
DC Input with Safety Unit ⁽⁶⁾⁽⁷⁾ 4 Strings: Gland: Cable outer diameter 5 - 10 mm / Wire cross section 2.5 - 16 mm ²			· · · · · · · · · · · · · · · · · · ·		
				4 Strings: Cland: Ca	DC Input with Safety Unit (6)(7)
		Section 2.3 - 10 mm	550 x 317 x 273	4 Stilliys. Glariu. Ca	Dimensions (H x W x D)
	mm	836 x 317 x 300 (DC MC4); 819 x 317 x 300 (DC Gland)			
	mm	Jianu)		836>	
Weight 32	kg				-
	kg	36.5			
	°C	-40 to +60 ⁽⁸⁾			
		Fan (user replaceable)			
Noise < 62	dBA				
Protection Rating IP65 - outdoor and indoor		IP65 - outdoor and indoor			Protection Rating
Mounting Brackets provided			Brackets provided		Mounting

(1) If an external RCD is required, its trip value must be ≥ 100mA
 (2) Where permitted by local regulations
 (3) Wi-Fi connectivity requires connection of an additional Wi-Fi component, ordered separately. For more details ask your SolarEdge sales person or refer to: https://www.solaredge.com/products/communication
 (4) Inverter with rapid shutdown part number: SExxK-xxRxxxxxx
 (5) For all standards refer to Certifications category in Downloads page: http://www.solaredge.com/groups/support/downloads
 (6) DC input is available with MC4 or Gland connectors under the inverter part number. For more information, contact SolarEdge
 (7) Only MC4 connectors manufactured by Staubli are approved for use

(a) Designed a solution of the second control of the