



Kenjitsu Elite KEPV3600SS
Single phase-220V 3.6KW

Elite



Single phase Solar inverter
5 years warranty

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KENJITSU



Kenjitsu Elite PV Inverter

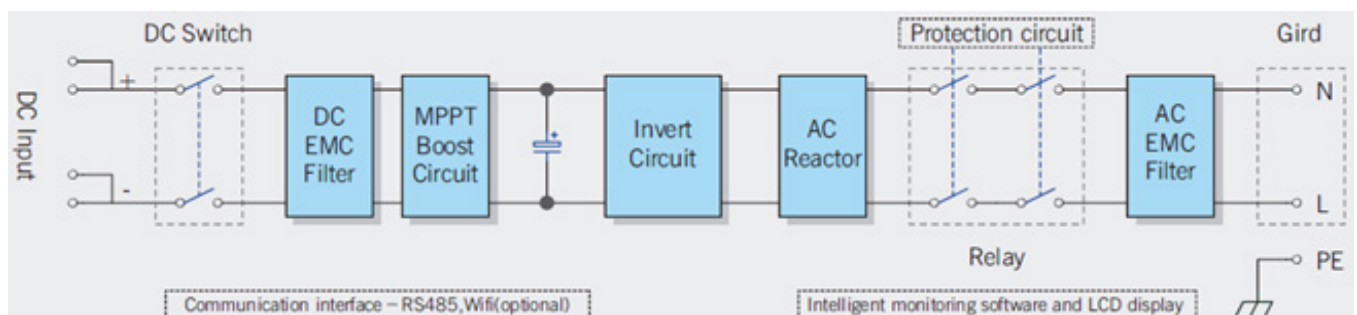
Single phase-220V String-type Inverter series is the ideal solution for rooftop solar system solution.

With the characteristics of high efficiency and reliability, compact design and easy installation, it is applicable to distribute power generation system.

Features:

- Transformer-less design and Compact in Size
- Harsh IP65 industrial protection.
- Provide Single and Double MPP Trackers for different application demands.
- Firmware is upgradable via RS232 port.
- Parallel up to 50 units via RS485 port
- Comply with latest VDE AR N4105 standard
- MPP efficiency > 99.9%
- Maximum efficiency > 97.5%
- Mimic LCD display
- Versatile Communication Interface options, Standard RS485, RS485/WiFi and Ethernet/WiFi may reach up to your utmost request.

Internal KEPV3600SS Diagram



Inverter Model	KEPV3600SS
Input (DC)	
Max. PV power [W]	4000W
Max. DC voltage [V]	450
Max. input current [A]	20A
Number of MPPT trackers /Strings per MPPT tracker	1/2
MPPT voltage range(at rated power) [V]	150-450
Shutdown voltage /Start voltage [V]	70 / 120
Output (AC)	
AC nominal power [W]	3600W
Max. AC power [W]	3700W
Max. AC current [A]	18A
Rated AC voltage/ range (V)	220V(L-N,G) /150-262
AC grid frequency / range [Hz]	60+/-0.5%
Power factor (cosφ), adjustable	0.9 leading..... 0.9 lagging adjustable
Total harmonic distortion (THDi)	<3%
Efficiency	
Max. Efficiency	97.50%
Euro-efficiency	96.50%
MPPT efficiency	99.90%
Protection	
DC Reverse Polarity Protection	Yes
DC Switch for each MPPT	Yes
AC Short Circuit Protection	Yes
Output overvoltage protection- Varistors	Yes
Ground fault monitoring	Yes
Grid Monitoring	Yes
Islanding protection	Yes
General Data	
Dimension W×H×D(mm)	335×580×170
Weight [kg]	16
Operating temperature range [°C]	-20~+60(derating above 72°C)
Ingress Protection	IP65
Topology	Transformerless
Internal consumption(night) [W]	<2
Cooling Method	Fan
Noise (typical) [dB]	<35
Communication Interface	RS485 / WIFI(optional)
Alarm	LCD, LED
Monitoring Software	KS Monitor
Parallel UP to how many units	32
Standard Warranty (year)	5
Certification	CE /TUV