



MW+ Containerized Inverter

SPI Series (1.0~1.26MW)

- » Turnkey Solution, Easy Transportation and Deploy
- » IP54, Robust for 25 Years Lifetime Design
- » Intensive, Efficiency up to 99%

Intensive Turnkey Solution:

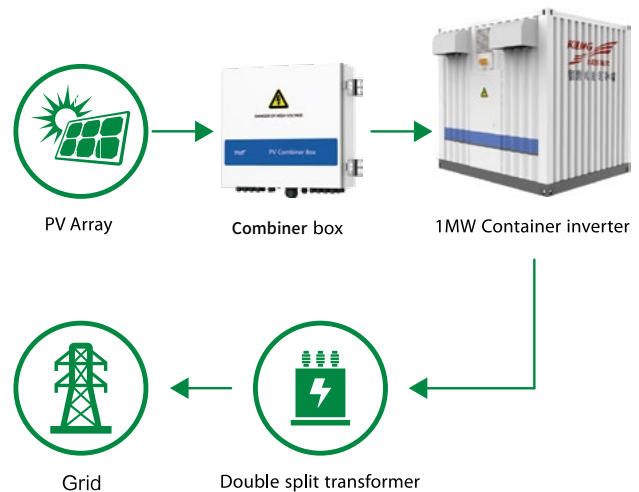
- 7ft shipping container for 1MW, only 5m²
- Integrate two high power density inverters
- Integrate lighting, cooling, security, fire-fighting
- Integrate DC power distribution in inverters
- Easy transportation and deploy

Excellent Design:

- Special sand, dust, water proof design, IP54
- Strong ventilation ensure best cooling
- Inverters front- easy maintenance design
- Washable filter, low wind resistance outlet
- Safety with access door and emergency exit

Robust Performance :

- Integrate 50mm rock-wool heat-insulating layer
- Standard shipping COR-TENA steel container
- Good mechanical strength and anti-corrosion
- External with high-end 3 layer protective coating
- 25 years lifetime design



Technical Specification:

Items	SPI1000K-B	SPI1260-B
Input		
Max. PV Array Power (kW)	1100	1400
Max. PV Array Open Circuit Voltage (Vdc)	1000	
Max. DC Current (A)	2400	2800
Integrated DC Distribution Strings	2 x 8	2 x 10
MPPT Range (V)	500~850 (full load)	
Start-up Voltage (Vdc)	520	
MPPT efficiency	99.9%	
Output		
Rated Output Power (kW)	1000	1260
Rated Output Voltage (V)	315	
Rated AC Frequency (Hz)	50/60	
Max Output Current (A)	2020	2566
THDi	<3%	<3%
Power Factor	>0.99 / -0.9~+0.9adjustable	
Isolation Type	Transformerless	
Efficiency		
Maximum Efficiency	99.0%	
Europe Efficiency	98.7%	
Others		
IP Grade	IP54	
Environment Temperature	-25°C ~ +55°C	
Humidity	0~95%, no condensation	
Altitude	<3000m (>3000m derating)	
Cooling	Forced air cooling (fans speed control)	
Communication Ports	RS485/Ethernet (optional) / GPRS (optional)	
Dimension (WxDxH) (mm)	2438x1990x2591	2438x2290x2591
Weight (kg)	4600	4900

• Specifications are subject to change without prior notice.

Xiamen Kehua Hengsheng Co., Ltd.

Add: No. 457, Malong Road, Torch High-Tech Industrial Zone, Xiamen 361006, Fujian, P.R. China

Tel: +86-592-5160516 Fax: +86-592-5162166 Intertrade@kehua.com www.kehua.com

