

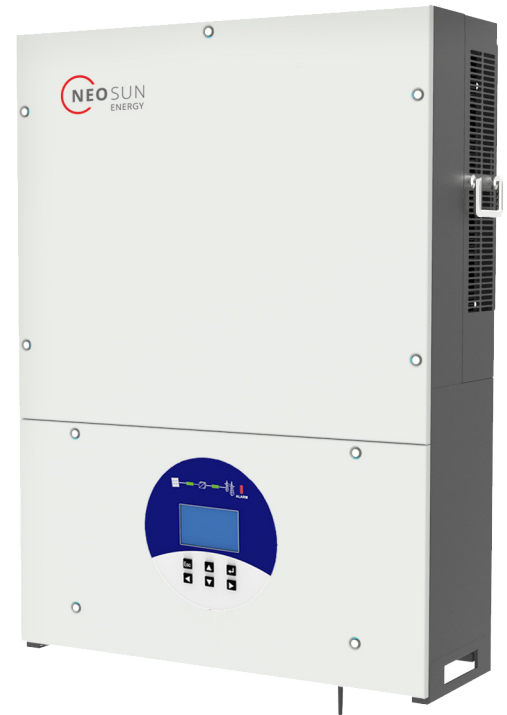
NEOSUN TPI - 25kW/28kW/30kW/40kW

Features

- 98.3%** **EFFICIENCY**
- Transformerless with the three level Topology
 - Max efficiency up to 98.3%
 - Dual MPPT inputs accommodating wide voltage range
 - Compact structure design
 - PV input intelligent conjunction (Optional)

- FLEXIBILITY**
- Indoors and outdoors usage (IP65)
 - Easy installation and free maintenance
 - RS485/WiFi (optional) communication
 - Multi-lingual display with large LCD screen

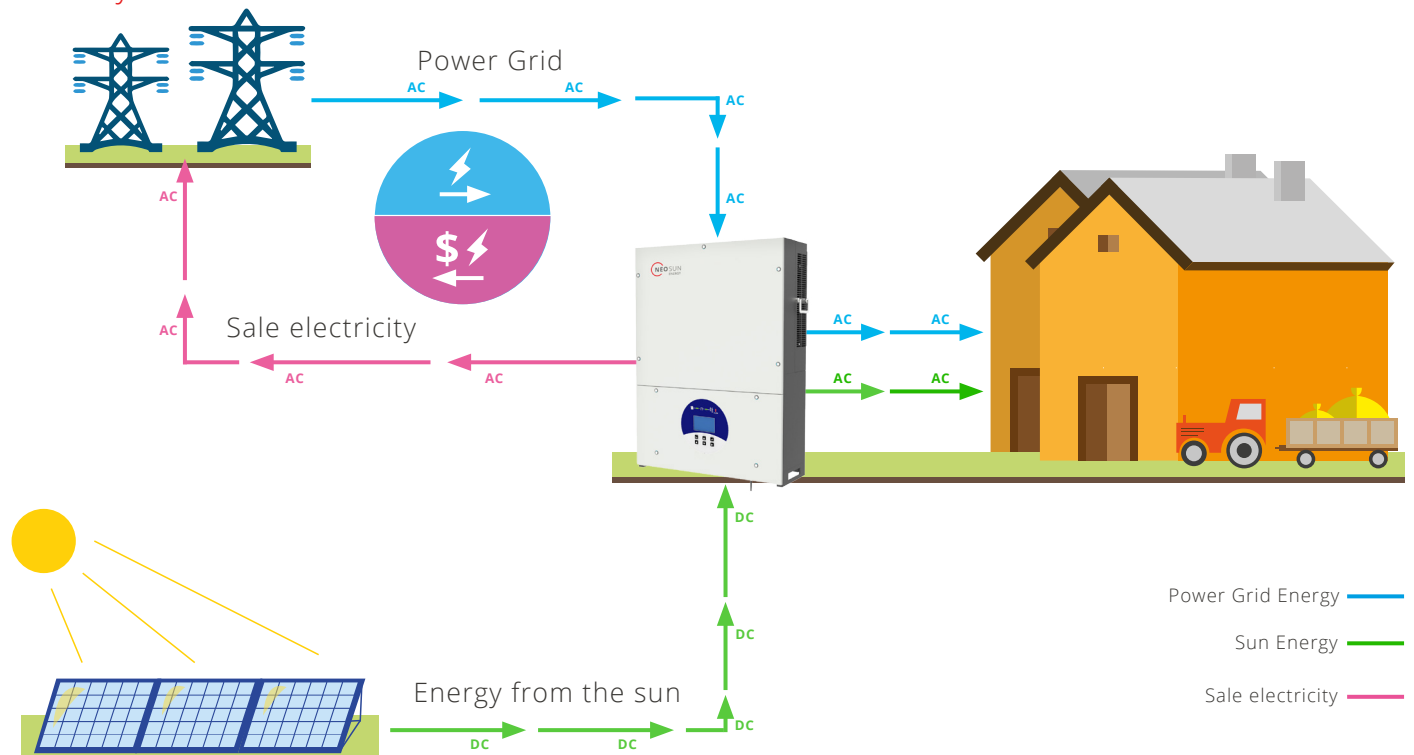
- RELIABILITY**
- Reliable protection for over/under voltage, antiislanding, short circuit, overload, etc.
 - 5-year quality warranty
 - Comply with NB/T 32004-2013,CQC etc.



Overview

The new On-Grid Inverter NEOSUN TPI-25K/28K/30K/40K is specifically designed for mid-scale PV systems. With a peak efficiency of above 98 percent, a DC input voltage range of up to 1000 volts and equipped with two independent MPP trackers – this three-phase, transformerless PV inverter has everything needed to ensure high efficiency and offer enormous flexibility in the design of a PV system.

Solar system connection



Input (DC)	TPI-25K	TPI-28K	TPI-30K	TPI-40K
Recommend Max DC power	26500W	30000W	32000W	40000W
Max DC voltage	1000V			
Full load MPPT voltage range	450~800V	470~800V	500~800V	580~850V
Rated voltage	610V			720V
Start up voltage/On-grid voltage	160V/250V			
Max input current per MPPT	32A/32A			
Number of MPP trackers/Strings per tracker	2/4			
Output (AC)				
AC nominal power (@230V, 50HZ)	25kW	28kW	30kW	40kW
Max nominal apparent power	27500VA	30800VA	33000VA	40000VA
Nominal AC voltage	3/N/PE; 220/380V	3/N/PE; 230/400V	3/N/PE; 240/415V	
AC voltage range	176~270V			
AC grid frequency	50HZ/60HZ			
Max output current	42A	47A	50A	
Rated power factor	1			
Power factor (Adjustable)	0.8 leading~0.8 lagging			
Harmonics (THD)	<3%			
Efficiency				
Max efficiency	98.3%			98.5%
European efficiency	98.0%			98.2%
MPPT efficiency	99.9%			
General data				
Net Dimensions (W/H/D)	580x800x200 mm			
Gross Dimensions (W/H/D)	940x720x455 mm			
Net Weight/Gross Weight	60/90 kg			61/90 kg
Operating temperature range	-25°C to +60°C			
Degree of protection (According to IEC 60529)	IP65			
Climatic category (According to IEC 60721-3-4)	4K4H			
Internal consumption: (night)	<1W			
Topology structure	Transformerless			
Cooling method	Fan			
PV connection	Common Connector/Intelligent Conjunction (Optional)			
Noise (Typical)	<50db			
Altitude	<300m			
Communication	RS485/Wi-Fi			
Warranty	5 years			

*Product specifications are subject to change without further notice.