



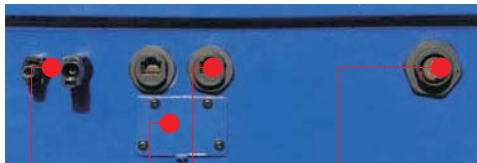
## FP Inverter FP3000-TL

### Application:

3000 Photovoltaic Inverter (FP Inverter) developed by finepower is used to transform the DC Solar power to AC utility-compatible power in distributed power generation system, which features high efficiency and reliability. The compact design and easy-to-use characteristics make it is very suitable for residual and light industrial applications.

### Features:

1. Transformerless Design
2. High Reliability
3. European Efficiency up to 97%
4. MPPT Efficiency > 99%
5. Outdoor Applicable with IP65
6. Embedded GFCI
7. RS232 / Ethernet Communication with History Data Log



● DC INPUT      ● RS 232-DB9      ● RS 485      ● AC OUTPUT

- ◎ Photovoltaic Inverter
- ◎ 1 MPPT
- ◎ High efficiency

Model Name		FP3000-TL
Input ( DC Side)	Maximum PV Power	3500W
	Nominal DC Voltage	360V
	MAX DC Voltage	550V
	MAX Input Current	15A
	MPP tracking channel	1
	MPPT Voltage Range	150V ~ 550V
	Full Rating Voltage Range	220V ~550V
	MPPT Efficiency	>99%
Output(AC Side)	Nominal Output Power	3000W
	Overload Power for 10 Minutes	3300W
	Nominal AC Voltage	230VAC (Single Phase)
	AC Voltage Range	196VAC ~ 253VAC
	Frequency Range	47.5HZ ~ 50.1HZ
	Nominal Output Current	13A
	Maximum Output Current	14.3A
	O/P Current THDi	<3%
	Power Factor	>0.99
	Output DC component	<0.5% Iac
	GFCI	Embedded , Comply with VDE 0126-1-1
	Maximum Conversion Efficiency	97.5%
	European Efficiency	97%
Grid-Connected Safety Compliant	VDE 0126-1-1	
Other	Protection Degree	Ip65
	Operating Temperature	-20℃ ~ 50℃
	Humidity	0-90%, non-condensing
	Altitude	Up to 2000m without power derating
	Heat Dissipation	Natural Convection
	Noise Level	<40 dB
	Communication	RS232 , Ethernet
Dimension(WxDxH)mm	435x335x150	

