

On-Grid Inverter

EGE-T1500/3000TL

1.5-3 KW / Single Phase / 220 V










Eco Green Energy is one of leading solar inverter manufacture and on-grid solar system provider, we can offer your our best quality product and service around you for " all your need".

Photovoltaic(PV) projects ranging from kW-scale rooftop residential system to MW-scale large solar plant, Eco Green Energy has experienced teams responsible for sales, technical design and project management. During the process of project design, we always commit ourselves to realize the optimization of system efficiency.



Key Features

-  IP65 Weather Protection
-  Excellent Low Light Sensitivity
-  Rugged cast Aluminium Chassis
-  WiFi module as standard for free
-  5 Year Warranty Standard
-  Leading edge capacitor control technology
-  Dynamic MPPT efficiency >99.9%
Euro efficiency >97.3%



Technical Parameters

Model No.	EGE-T1500TL	EGE-T2200TL	EGE-T3000TL
DC side/Input parameters			
Max. DC power [W]	1800 W	2500 W	3400 W
Max. DC voltage [Vdc]	450	500	550
Min. System start/Shut down voltage [Vdc]	150/100	150/100	150/100
MPPT voltage range[Vdc]	180~450	190~450	250~480
Max. input current [A]	10 A	13 A	15 A
Number of MPP trackers	1	1	1
Strings per MPP tracker	2	2	2
AC side/output parameters			
Nominal output power [W]	1500 W	2200 W	3000 W
Maximum output power [W]	1650 W	2420 W	3300 W
Nominal output voltage/range [V]	208,220,230,240/180~270		
AC grid frequency/range [Hz]	50Hz,60Hz(auto-selection) / 44Hz-55Hz; 54Hz-65Hz		
Maximum output current [A]	8 A	12 A	17 A
AC connection(with PE)	Single phase		
Current distortion(THDi) [%]	<1.5 %	<1.5 %	<1.5 %
Power factor [%]	> 99.9 %	> 99.9 %	> 99.9 %
Efficiency			
Maximum conversion efficiency[%]	96.7 %	97 %	97.3 %
European efficiency[%]	96.1 %	96.3 %	96.5 %
MPPT efficiency[%]	99.9 %	99.9 %	99.9 %
Safety and protection			
DC reverse-polarity protection	YES		
Anti-islanding / Overvoltage protection	YES		
Short circuit protection	YES		
Leakage current protection	YES		
Grid monitoring / Ground fault monitoring	YES		
DC/AC side varistors(thermally protected)	YES		
General Parameters			
Dimension(L/W/H)[mm]	375*480*136 mm		
Weight (kg)	17 kg	17.5 kg	18 kg
Embedded DC Switch	Optional		
Night power consumption[W]	<0.2		
Isolation type	Transformerless		
Protection degree	IP65 according to IEC60529		
Operation temperature[°C]	-25 °C ~ 60 °C		
Cooling concept	Natural convection		
Operating Altitude[m]	<2000m without power derating		
Acoustic noise level[dB]	<25 dB		
Display	Graphic LCD		
Communication Interface	Standard WIFI		
Certificates and ApprovalsGeneral	CE-(EMC/LVD) : EN(IEC) 61000-1/-2/-3/; EN(IEC) 62109-1/-2		
Warranty	5 years		