

## THREE PHASE INVERTER 350KW



**Product Code:** ATE-INV3PH350KW

**SKU:** LA625007001

**Family:** Smart Energy

**Subcategory:** 3PH Utility-Scale Inverter

## Description

Three Phase Inverter 350Kw is an on-grid three phase solar inverter designed for 350kW commercial and industrial photovoltaic systems.

Input (DC)	
<b>Max. input voltage</b>	1500V
<b>Rated input voltage</b>	1160V
<b>Start-up voltage</b>	550V
<b>MPPT operating voltage range</b>	500V~1500V
<b>Number of MPP trackers</b>	8
<b>Number of DC inputs</b>	32
<b>Max. input MPPT current</b>	8*60A
<b>Max. input short circuit current</b>	8*100A

Output (AC)	
<b>Rated output power</b>	352kW
<b>AC output power</b>	352kVA@40°C /320kVA@45°C /295kVA@50°C
<b>Max. output current</b>	254.1A
<b>Rated output voltage</b>	3/PE, 800V
<b>Output voltage range</b>	640~920V
<b>Rated output frequency</b>	50/60Hz
<b>Output frequency range</b>	45~55Hz/55~65Hz
<b>Active power adjustable range</b>	0~100%
<b>THDi</b>	<3%

Output (AC)	
<b>Power factor</b>	1 (+/-0.8 adjustable)

Efficiency	
<b>Max. efficiency</b>	0.9905
<b>European efficiency</b>	0.988

Protection	
<b>DC reverse polarity protection</b>	Yes
<b>Anti-islanding protection</b>	Yes
<b>Leakage current protection</b>	Yes
<b>Ground fault monitoring</b>	Yes
<b>PV-array string fault monitoring</b>	Yes
<b>DC switch</b>	Yes
<b>PID recovery</b>	Yes

AFCI	
<b>SPD</b>	PV: type II , AC: type II

General Data	
<b>Ambient temperature range</b>	-30°C~+60°C
<b>Topology</b>	Transformerless
<b>Degree of protection</b>	IP66
<b>Allowable relative humidity range</b>	0~100%

General Data	
<b>Max. operating altitude</b>	4000m
<b>Cooling</b>	Smart air cooling
<b>Dimension(WxHxD)</b>	1159x828x366mm
<b>Weight</b>	113kg
<b>Display</b>	LED, Bluetooth +APP