

## 6.8 MVA Outdoor Integrated Inverter Transformer Station

This outdoor station integrates an inverter, transformer, and communication system into a single unit. It supports 1500V large-capacity centralized grid connections and is designed to withstand harsh environmental conditions.



### ADDITIONAL IMAGES



## Overview

### Integrated Outdoor Inverter Station

This 6.8 MVA outdoor integrated station combines an inverter, transformer, and advanced communication and monitoring systems into a single, cohesive unit. Engineered for 1500V large-capacity grid connection, it offers a cost-effective solution with reduced initial investment requirements. The system is built to withstand challenging environments, including high temperatures, humidity, dust, and salt spray, ensuring reliable performance in diverse industrial settings.

## Input (DC)

Max. PV Input Voltage	1500 V
Max. Input Current	4075A*2
MPP Voltage Range	900~1300V
Number of MPPT Trackers	2

## Output (AC)

Rated AC Output Power	2*3400kVA @ 45
Max. AC Output Power	2*3594kVA @ 25
AC Voltage Range	20~35kV
Rated Grid Frequency/Range	50 Hz (45~55 Hz) / 60 Hz (55~65 Hz)

## Efficiency

### Efficiency Ratings

**99 %**

Max. Efficiency

**98.7 %**

EU Efficiency

## Protection

### Optional Features

- Night SVG Function
- Anti-PID Function

### Key Protection Systems

DC Type II Overvoltage, AC Type II Overvoltage, Leakage Current Monitoring, Grid Monitoring, Ground Fault Monitoring, Insulation Monitoring, Overheat Protection