

V SERIES

3-PHASE GRID-TIED INVERTERS

The V Series inverter range is aimed at 3-phase commercial installations, offering unrivalled performance and versatility for increased yield potential and longer generation windows. The 3-phase V Series inverter options range from 30kW to 40kW.



**PV STRING
CURRENT MONITORING**



**ARC FAULT
CIRCUIT INTERRUPTER
FUNCTION**



**SMART
I/V CURVE FUNCTION**



IP66 RATED

- DC and AC Type II SPD
- PV String current monitoring
- AFCI Function
- Power line communication
- PID Recovery
- LED+Bluetooth APP
- IP65 and C5 Protection
- 32A input current, Compatible with Bifacial Module



For more about the FoxESS range of three-phase inverters, visit:

WWW.FOX-ESS.COM



MODEL	V50	V60
INPUT(PV)		
Max. Input Voltage [V]		1100
Start-up Input Voltage [V]		250
Rated Input Voltage [V]		600
MPPT Operating Voltage Range [V]		200 ~ 1000
Max. Input Current per MPPT [A]		32
Max. Short-circuit Current [A]		40
No. of Independent MPPT Trackers	4	5
No. of Strings per MPPT Tracker	2	2
OUTPUT(AC)		
Nominal Output Power [kW]	50	60
Nominal Output Apparent Power [kVA]	50	60
Max. AC Active Power [kW]	55	66
Max. AC Apparent Power [kVA]	55	66
Nominal Output Voltage [V]		380/400, 3W+N+PE
Nominal AC Grid Frequency [Hz]		45 ~ 55 / 55 ~ 68
Max. Output Current [A]	79.4	95.3
Output Power Factor		0.8 leading to 0.8 lagging
Max. Total Harmonic Distortion		<3
EFFICIENCY		
Euro-Efficiency [%]		98.1
Max. Efficiency [%]		98.5
PROTECTION		
DC Switch		YES
DC Reverse Polarity Protection		YES
AC Short-circuit Protection		YES
AC Overcurrent Protection		YES
Insulation Monitoring		YES
Residual Current Monitoring		YES
PV String Current Monitoring		YES
Surge Protection		DC II AC II
PID Recovery		YES
AFCI		YES
Grid monitoring		YES
Night SVG		YES
Anti-Corrosion		C5
GENERAL DATA		
Dimensions (WxHxD) [mm]		670*580*270 (reference)
Weight [kg]		45
Cooling Method		Smart air cooling / FAN
Max. Operating Altitude [m]		4000
Operating Temperature Range [°C]		-30 ~ 60
Humidity [%]		0 ~ 100 (No Condensation)
Protection Degree		IP65
Communication		RS485/USB/Wi-Fi+LAN/4G
Display		LED, Wi-Fi+APP