

TRIAC FIX ENERGY

HYBRID POWER SOLAR GENERATOR



ISTANBUL ENERGY

ENVIRONMENTAL, SUSTAINABLE GREEN ENERGY SYSTEMS

ISTANBUL ENERGY is an innovative cleantech company established in the Istanbul-TURKIYE. Our capabilities include the design and manufacture of Hybrid Power Generators for industry, Off-Grid Power Systems for emergency response and development projects, renewable energy storage solutions that reduce grid dependence, and turnkey solutions for temporary power applications.

Why TRIAC FIX ENERGY?

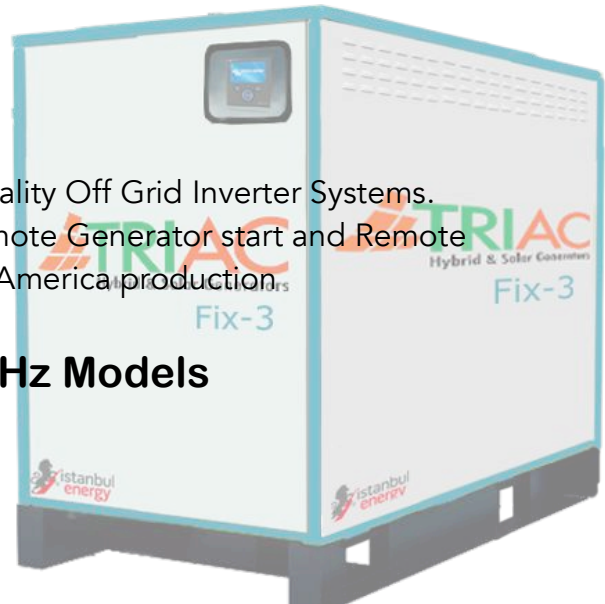
Triac Fix is a simple hybrid power system for static applications. Containing Everything need installed inside cabin to easily connect to renewable energy Sources such as solar or wind, grid connection or diesel generator or any combination of these



TRIAC FIX present you 1 PHz Models

- FIX 4-1
- FIX 8-1
- FIX 12-1
- FIX 17-1

These Models designed with Top Quality Off Grid Inverter Systems. Magnum Inverter, Solar Charger, Remote Generator start and Remote control Panel original Made is North America production.



TRIAC FIX present you 3 PHz Models

- FIX 9-3
- FIX 15-3
- FIX 24-3
- FIX 30-3

These Models designed with Top Quality Off Grid Inverter Systems. Victron Inverter, Solar Charger, Remote Generator start and Remote control Panel original Made in Nederland production

TRIAC FIX Components for 1 PHz Models



Inverter



Remote Control



Auto
Generator
Start



Solar Charge Control



MagWeb
Monitoring



Battery Monitoring Kit

TRIAC FIX Components for 3 PHz Models



Color Remote Control



Battery Monitor

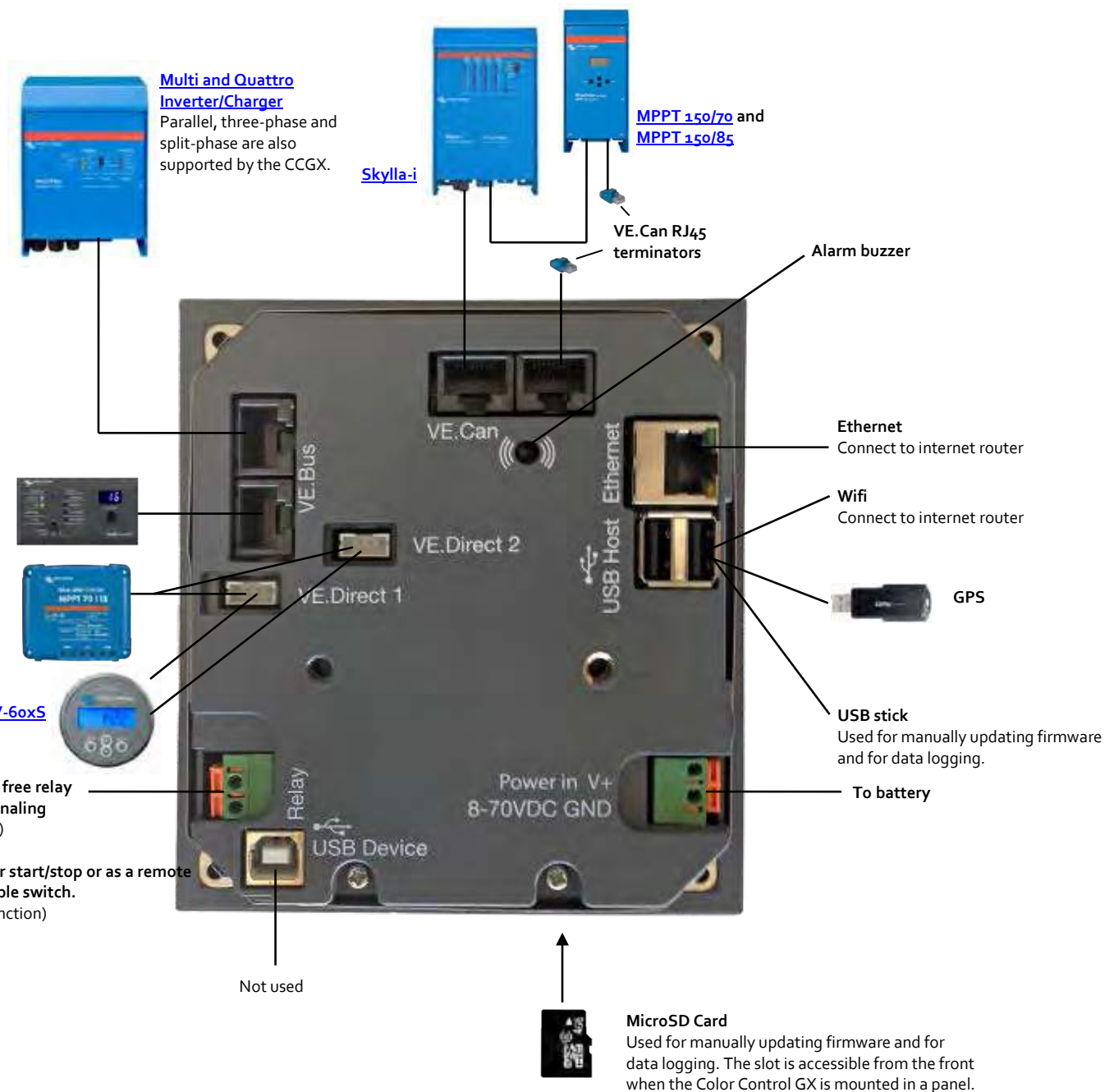


Solar
Charge
Control



Inverter

Color Control GX schematic diagram



TRIAC FIX Data Sheet 1 PHz Models

MODEL	FIX 4-1	FIX 8-1	FIX 12-1	FIX 17-1
	120 VAC / 240 VAC	120 VAC / 240 VAC	120 VAC / 240 VAC	120 VAC / 240 VAC
Prime Power kW	4 / 4,3 kW	8 / 8,6 kW	12 / 12,9 kW	16 / 17,2 kW
Surge Power kW	8,5 kW	17 kW	25 kW	33 kW
AC Output	60/50 Hz Single Phs	60/50 Hz Single Phs	60/50 Hz Single Phs	60/50 Hz Single Phs
Inverter Protection	Overheat, Short Circuit, Low Battery			
Battery Storage Type	FLA (Flooded Lead Acid)			
Battery Capacity	14 kW	28 kW	37 kW	44 kW
Auxiliary Connection	Remote Generator Start			
Battery Monitoring	LCD Battery Monitor			
Operating Temperature	(°C) -20 to +60			
Remote Control	Yes	Yes	Yes	Yes
Solar Charger	100A DC Charge Controller (MPPT) DC Input up to 240VDC			
Solar Charger	1 SET	1 SET	2 SET	2 SET
Pv Panel Capacity	6600 W	6600 W	13200 W	13200 W
Weight (kg)	1050	1650	1960	2300
Dimensions W x D x H (mm)	1000*900*1350	1000*1200*1350	1250*1850*1350	1400*1850*1350



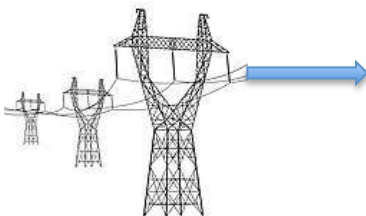
TRIAC FIX Data Sheet 3 PHz Models

MODEL	FIX 9-3	FIX 15-3	FIX 24-3	FIX 30-3
	270 VAC / 400 VAC	270 VAC / 400 VAC	400 VAC	400 VAC
Prime Power kW	9 kW	15 kW	24 kW	30 kW
Surge Power kW	18 kW	30 kW	48 kW	60 kW
AC Output	60/50 Hz 3 Phs	60/50 Hz 3 Phs	50 Hz 3 Single Phs	50 Hz 3 Single Phs
Inverter Protection	Overheat, Short Circuit, Low Battery			
Battery Storage Type	FLA (Flooded Lead Acid)			
Battery Capacity	37 kW	44 kW	59 kW	74 kW
Auxiliary Connection	Remote Generator Start			
Battery Monitoring	LCD Battery Monitor			
Operating Temperature	(°C) -20 to +60			
Remote Control	Yes	Yes	Yes	Yes
Solar Charger	85 A DC Charge Controller (MPPT) DC Input up to 150VDC			
Solar Charger	1 SET	2 SET	3 SET	4 SET
Pv Panel Capacity	5000 W	10000 W	15000 W	20000 W
Weight (kg)	1720	1930	2600	2980
Dimensions W x D x H (mm)	1600*1850*2100	1600*1850*2100	1600*1850*2100	1600*1850*2100



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