FIXON®
SOLAR ENERGY

FLEX

6KW-IP65 -PV9000

IP65

HYBRID INVERTER

5 YEAR WARRANTY

FEATURES:

- High Efficiency Max.98%
- MPPT 50-450Vdc
- Parallel Operation Up to 6 Units
- Wi-Fi
- Maximize PV Input Power(2 MPPTs)
- 2 Independent AC Inputs 2 Outputs
- CT Current Transformer
- Touchscreen

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SPECIFICATION:

Model: FXN-6KW-FLX6	
PHASE	1-phase in /1-phase out
MAXIMUM PV INPUT POWER	9000W
RATED OUTPUT POWER	6000W
MAXIMUM CHARGING POWER	6000W
GRID-TIED OPERATION	
Maximum DC Voltage	520Vdc
Start-up Voltage	117Vdc
MPPT Voltage Range	50-450Vdc
Number of MPPT Trackers / Maximum Input Current	2/18A
GRID OUTPUT(AC)	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	184-264.5 VAC or 195.5-253 VAC
Nominal Output Current	26.1A
Power Factor	>0.99
EFFICIENCY	
Maximum Conversion Efficiency(DC/AC)	97%
OFF-GRID OPERATION	
AC Start-up Voltage	170-280 VAC
Acceptable Input Voltage Range	90-280 VAC/170-280VAC
Frequency Range	50 Hz/60 Hz(Auto sensing)
Maximum AC Input Current	40A
PV INPUT(DC)	
Maximum DC Voltage	520Vdc
MPPT Voltage Range	50Vdc-450Vdc
Number of MPPT Trackers	2/18A
BATTERY MODE OUTPUT(AC)	
Nominal Output Voltage	220/230/240VAC
Output Waveform	Pure sine wave
Efficiency (DC to AC)	93%

HYBRID OPERATION	
Maximum DC Voltage	520Vdc
Start-up Voltage/Initial Feeding Voltage	90Vdc/120Vdc
MPPT Voltage Range	50Vdc-450Vdc
Number of MPPT Trackers/Maximum Input Current	2/18A
GRID OUTPUT(AC)	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	184-264.5 VAC or 195.5-253 VAC or 184-264.4 VAC(Selectable)
Nominal Output Current	26.1A
AC INPUT	
AC Start-up Voltage	170-280 VAC
Acceptable Input Voltage Range	90-280VAC /170-280 VAC
Maximum AC Input Current	40A
BATTERY MODE OUTPUT(AC)	
Nominal Output Voltage	220/230/240VAC
Efficiency (DC to AC)	93%
BATTERY & CHARGER	
Nominal DC Voltage	48Vdc
Maximum Solar Charging Current	135A
GENERAL	
Dimension, D x W x H(mm)	521x470x236
Net Weight (kg)	23.5
INTERFACE	
Parallel Function	6 units for single-phase supply, and 3 units for three-phase supply
Communication Port	RS485/CAN/Wi-Fi/Dry contact
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
IP degree	IP65
Operating Temperature	-10 ~50
Storage Temperature	-15 ~60