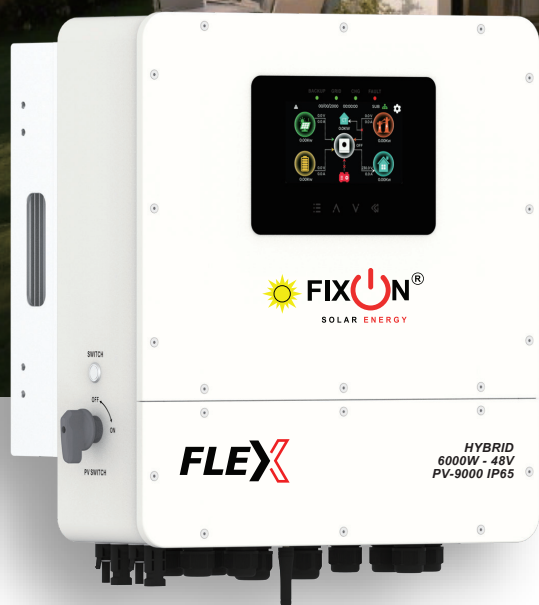


6KW-IP65 -PV9000

IP65

HYBRID INVERTER



|FEATURES:



Parallel Operation
Up to 6 Units



High Efficiency
Max.98%



50-450Vdc



Wi-Fi



Maximize PV Input
Power(2 MPPTs)



2 Independent AC Inputs
2 Outputs



Current Transformer



Touchscreen

SPECIFICATION:

Model: FXN-6KW-FLX6		HYBRID OPERATION	
PHASE	1-phase in /1-phase out	Maximum DC Voltage	520Vdc
MAXIMUM PV INPUT POWER	9000W	Start-up Voltage/Initial Feeding Voltage	90Vdc/120Vdc
RATED OUTPUT POWER	6000W	MPPT Voltage Range	50Vdc-450Vdc
MAXIMUM CHARGING POWER	6000W	Number of MPPT Trackers/Maximum Input Current	2/18A
GRID-TIED OPERATION		GRID OUTPUT(AC)	
Maximum DC Voltage	520Vdc	Nominal Output Voltage	220/230/240VAC
Start-up Voltage	117Vdc	Output Voltage Range	184-264.5 VAC or 195.5-253 VAC or 184-264.4 VAC(Selectable)
MPPT Voltage Range	50-450Vdc	Nominal Output Current	26.1A
Number of MPPT Trackers / Maximum Input Current	2/18A	AC INPUT	
GRID OUTPUT(AC)		AC Start-up Voltage	170-280 VAC
Nominal Output Voltage	220/230/240VAC	Acceptable Input Voltage Range	90-280VAC /170-280 VAC
Output Voltage Range	184-264.5 VAC or 195.5-253 VAC	Maximum AC Input Current	40A
Nominal Output Current	26.1A	BATTERY MODE OUTPUT(AC)	
Power Factor	>0.99	Nominal Output Voltage	220/230/240VAC
EFFICIENCY		Efficiency (DC to AC)	93%
Maximum Conversion Efficiency(DC/AC)	97%	BATTERY & CHARGER	
OFF-GRID OPERATION		Nominal DC Voltage	48Vdc
AC Start-up Voltage	170-280 VAC	Maximum Solar Charging Current	135A
Acceptable Input Voltage Range	90-280 VAC/170-280VAC	GENERAL	
Frequency Range	50 Hz/60 Hz(Auto sensing)	Dimension, D x W x H(mm)	521x470x236
Maximum AC Input Current	40A	Net Weight (kg)	23.5
PV INPUT(DC)		INTERFACE	
Maximum DC Voltage	520Vdc	Parallel Function	6 units for single-phase supply, and 3 units for three-phase supply
MPPT Voltage Range	50Vdc-450Vdc	Communication Port	RS485/CAN/Wi-Fi/Dry contact
Number of MPPT Trackers	2/18A	ENVIRONMENT	
BATTERY MODE OUTPUT(AC)		Humidity	5% to 95% Relative Humidity(Non-condensing)
Nominal Output Voltage	220/230/240VAC	IP degree	IP65
Output Waveform	Pure sine wave	Operating Temperature	-10 ~50
Efficiency (DC to AC)	93%	Storage Temperature	-15 ~60