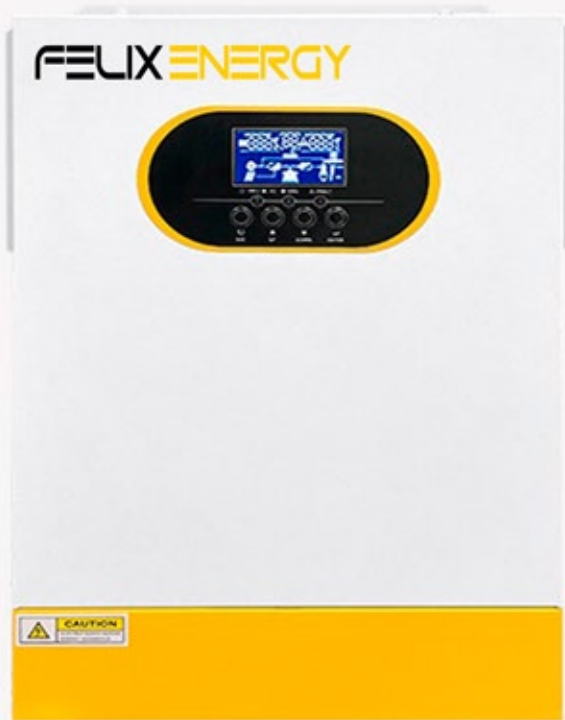


FELIX ENERGY

Inversor Híbrido OFF GRID 6200W



Product parameters

Capacity	6.2KVA/6.2KW
Parallel Capability	NO
Lithium Battery activation	YES (By PV or Utility)
Lithium Battery communication	YES(RS485)
Built-in WIFI	Optional
INPUT	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280vac(For Home Appliances)
Frequency	50/60 Hz(Auto sensing)
OUTPUT	
Nominal Voltage	220/230VAC±5%
Surge Power	12400VA
Frequency	50/60Hz
Waveform	Pure Sine wave
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)
Peak Efficiency(PV to INV)	96%
Peak Efficiency(Battery to INV)	93%
Overload Protection	5s@>=140% load; 10s@110%~140% load
Crest Factor	3:1
Admissible Power Factor	0.6~1 (inductive or capacitive)
BATTERY	
Battery Voltage	48VDC
Floating Charge Voltage	54VDC
OverCharge Protection	63VDC
Charging Method	CC/CV
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Max.PV Array Power	6500W
Max.PV Array Open Circuit Voltage	500VDC
PV Array MPPT Voltage Range	60VDC~500VDC
Max.Solar Input Current	27A
Max.Solar Charge Current	120A
Max.AC Charge Current	80A
Max.Charge Current (PV+AC)	120A
PHYSICAL	
Dimensions,D x W x H(mm)	438*295*105
Package Dimensions,D x W x H(mm)	560*375*185
Net Weight(Kg)	9
Communication Interface	RS232+RS485
ENVIRONMENT	
Operating Temperature Range	(-10°C to 55°C)
Storage Temperature	(-15°C ~ 60°C)
Humidity	5% to 95% Relative Humidity (Non-condensing)
Ingress Protection	IP21