

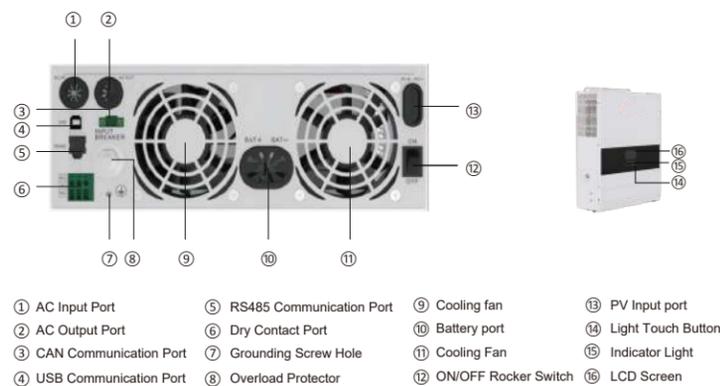
Off Grid Hybrid Inverter



CE2430-EU-80-H

Product Features

- Pure sine wave AC output
- High PV input voltage
- High energy efficiency
- Power saving function
- Intelligent programming
- Efficient heat dissipation
- Multiple safety protection
- Uninterrupted power supply
- Instant viewing of operation
- Approved of CE/EC 62109-1 certifications
- Support a wide range of battery technology
- Support grid and PV activated lithium batteries



Technical Data

Model	CE2430-EU-80-H
AC Charge	
Battery Type	Sealed, Flood, GEL, LFP, Ternary
Rated Battery Input voltage (V)	24 (Minimum Startup Voltage 22V)
Hybrid Charging Maximum Charging Current (A)	80
Battery voltage Range	20Vdc~33Vdc ± 0.3Vdc (Undervoltage Warning/Shutdown Voltage/Overvoltage Warning/Overvoltage Recovery...)
Solar Charge	
Maximum PV Open circuit Voltage (Vdc)	500
PV Working Voltage Range (Vdc)	120~500
MPPT Voltage Range (Vdc)	120~450
Maximum PV Input Current (A)	13
Maximum PV Input Power (W)	4000
Maximum PV Charging Current (A)	80
AC Input	
Mains Maximum Charging Current (A)	80
Rated Input Voltage (Vac)	220/230
Input Voltage Range	UPS Mains Mode: (170Vac~280Vac)±2% APL Generator Mode: (90Vac~280Vac)±2%
Frequency	50Hz/ 60Hz (Automatic Detection)
Mains Charging Efficiency	>92%
Switch Time (bypass and inverter)	10ms(Typical Value)
Maximum Bypass Overload Current (A)	30
AC Output	
Output Voltage Waveform	Pure sine wave
Rated Output Voltage (Vac)	230Vac (200/208/220/240Vac)
Rated Output Power (VA)	3300 (2850/2950/3150/3000)
Rated Output Power (W)	3300 (2850/2950/3150/3000)
Peak Power	6000VA
On-load Motor Capacity	2HP
Output Frequency Range(Hz)	50Hz±0.3Hz/60Hz±0.3Hz
Maximum Efficiency	>92%
No load Loss	Non Energy-saving Mode: ≤50W Energy-saving Mode: ≤ 25W (Manual Setup)
General	
Certification	CE(IEC 62109-1)
EMC Certification Level	EN61000, C2
Working Temperature Range	-10°C ~ 55°C
Storage Temperature Range	-25°C ~ 60°C
Humidity Range	5% to 95%(Conformal Coating Protection)
Dimensions (mm)	378L×280W×103D
Weight (KG)	6.8