

SOLAR INVERTER

OFF-GRID

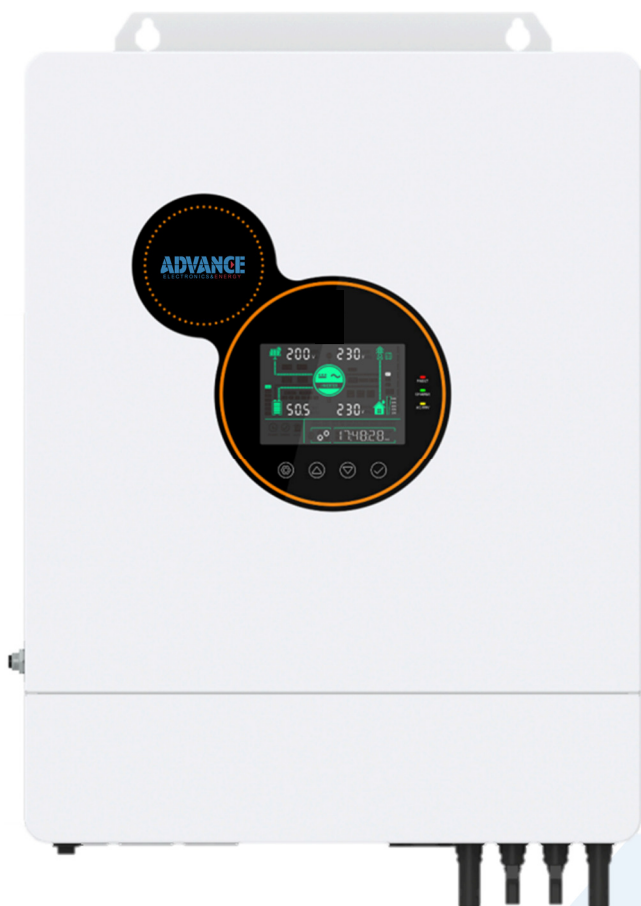
ALTO VOLTAGGIO



ADVANCE
SRNE

HYP4860

6200W - 48V



6'200W con Doppio regolatore di carica MPPT

Regolatori di carica solare con efficienza 99,9%

Wi-Fi e App di controllo remoto

Funzione solare, UPS e mista

Possibilità di lavoro anche senza batterie

Connessione in parallelo e trifase

TECHNICAL DATA

INVERTER OUTPUT

Rated Output Power	6'200 W
Max.Peak Power	12'400 VA
Rated Output Voltage	230Vac (L/N/PE single-phase)
Load Capacity of Motors	5HP
Rated AC Frequency	50/60Hz
Waveform	Pure sine wave
Switch Time	10ms (typical)
Parallel Capacity	1-6 units (single/three phase) BATTERY

BATTERY

Battery Type	Li-ion / Lead-acid / user-define
Rated Battery Voltage	48 Vdc
Voltage Range	40~60 Vdc
Max.MPPT Charging Current	100 A
Max.Mains/Generator Charging Current	80 A
Max.Hybrid Charging Current	100 A

PV INPUT

Num. of MPP Trackers	2
Max.PV array power	4'500 W + 4'500 W
Max.input current	22 A + 22 A
Max.Voltage of Open Circuit	550 Vdc + 550 Vdc
MPPT Voltage Range	120 ~ 480 Vdc

MAINS / GENERATOR INPUT

Input Voltage Range	90~280Vac
Frequency Range	50/60 Hz
Bypass Overload Current	40 A

EFFICENCY

MPPT Tracking Efficiency	99.9% Max
Battery Inverter Efficiency	92%

GENERAL

Dimensions	510*350*133mm
Weight	13 Kg
Protection Degree	IP20, Indoor only
Operating Temperature Range	-15 ~ 55°C
Noise	<60dB
Cooling Method	Intelligent fan
Warranty	2 years

COMMUNICATION

Embedded Interfaces	RS485/CAN/USB/dry contact
External Modules (Optional)	Wi-Fi/GPRS

CERTIFICATION

Safety	EN 62109-1/EN 62109-2/NRS097-2-1/EN IEC61000-6-3
--------	--

Protections

PV current/power limiting protection, PV night reverse-current protection, Mains input over voltage protection, Mains input under voltage protection, Battery over voltage protection, Battery low voltage protection, Load output short circuit protection, Heat sink over temperature protection, Overload protection, PV reverse polarity protection, Bypass over current protection, AC reverse protection, Battery input over current protection, Battery input protection, Charge short protection, CAN communication loss protection, Parallel connection error protection, Parallel battery voltage difference protection, Parallel AC voltage difference protection, Parallel current sharing fault protection, Synchronization signal fault protection.