


# ENP5k200

All in One  
5KWh/ 10KWh Inverters

-  Auto ID
-  Automatically assign any host
-  Smart Temperature Control
-  Smart parallel technology compatible with batteries with different SOC and voltages



## Technical Specification

Model no	ENP5k200
	AC Input/Output Parameters
Ac Input voltage	AC 230 V
Optional Voltage	170-280V AC(Personal Computer)
Optional Voltage	90-280v AC(Home Load)
Frequency Range	50Hz/60Hz (Auto Sensing)
Max AC Charge Current	60A @DC 57.6V
AC Output Voltage	230V AC $\pm$ 5%
Efficiency (Peak)	Upto 93.5%
Transfer Time	10ms (Personal Computer); 20ms (Home Load)
Surge Power	11000VA
Waveform	Pure Sine Wave
PV Voltage Range	120V-450V DC
Max. PV Open Circuit Voltage	500V DC
Max. Solar Charge Current	100A @ 57.6 DC
Max. PV Array power	6000W
	Battery Parameters
Battery Type	Lithium iron phosphate
Normal Voltage	51.2V
Normal Capacity	10.24kWh
Useable Capacity	10kWh
Operating Voltage	48~57.6V
Rated Charging current	50A
Max Charging Current	100A
Recycle Time	$\geq$ 6000 (@25C, DoD 90%)
	Environment Requirments
Humidity	5% to 90% Relative Humidity
Battery Recycle Tlme	$\geq$ 6000 (@25C, DoD 90%)
Operating Temperature	-10°C to 50°C
Storage Temrature	-10°C to 60°C
Weight	112Kg
Dimintions (W*H*D)	600mm*960mm*191mm
Warranty	5 Years



**Superior Efficiency**  
Experience maximum efficiency with up to 90% usable energy.



**IP20 Protection Rating**  
Modular designer, natural cooling, indoor use



**Flexible Investment Options**  
Supports up to 16 units in parallel, with a total capacity of up to 40 kWh.



**Effortless Installation**  
Modular design allows for quick and seamless integration.



**Exceptional reliability**  
Our LFP-based battery technology ensures consistently high performance.



**Expandable Capacity**  
Effortlessly combine multiple units to increase energy output as needed.



**Enhanced Safety Features**  
Intelligent temperature control guarantees battery safety and longevity.



**Extended Service Life**  
Optimized cycle life exceeds 6000 cycles for long-lasting reliability.