

(AC Three-phase)

HKW10NVP3

Hybrid Inverter

Output Power:
10KW

EU Standard



Application Scenario



Villa



Communication base station



Nomadic area



Farm



Household



Field power supply



Flexible

Wide input voltage range. Compatible with lead-acid or lithium-ion batteries or other battery.



Reliable

Compatible anti counter flow function. Battery reverse connect protection.



Appealing

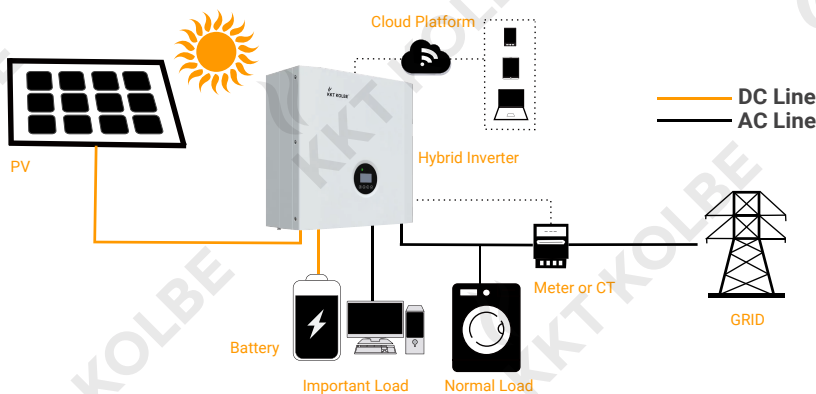
Fashion appearance, light weight, smart operation. Natural cooling, low noise. IP65, wall mounted design, saving space. Touch screen LCD.



Advanced

Intelligent energy management system for home. Power dispatching and demand side response management. Distributed virtual power station management.

Product Topology



Model		HKW10NVP3
PV input	Max. input power	20KW
	Max. PV voltage	1100V
	MPPT range	140V-1000V
	Max. input current	15A
	MPPT tracker/strings	2/2
AC output	Max. output power	11KVA
	Max. output current	14.5A
	Nominal voltage/range	400Vac 3W+N+PE
	Frequency	50 / 60Hz
	Power faktor	0.95 leading - 0.95 lagging
	THDI	<3%
	AC output topology	3W+N+PE
Battery	Battery voltage range	40V~60V
	Charge/discharge current	200A
	Max. Charge/discharge power	2825W/4096W
	Battery type	LFP (LiFePO4)
	Communication interface	RS485/CAN2.0/WIFI/4G
Eps output	Max. output power	10KVA
	Rated voltage	51.2V
	Rated/Max. Output Current	14.5A/16A
	Rated frequency	50/60Hz
	Automatic switchover time	<20ms
	THDU	<3%
General data	Protection class	IP65
	Noise emission (typical)	<25dB
	Operation temperature	-35°C~+60°C
	Cooling	Natural convection
	Relative humidity	0 ~95% (no condensation)
	Altitude	up to 4000m a.s.l. (derating from 2000m a.s.l.)
	Dimensions (W×D×H)	540*980*240mm
	Weight	42kg
	Inverter topology	Battery Isolation
Self-consumption	<3W	
Features	Display	LCD/APP
	Interface: rs485/wifi/lan/can/drm	yes/yes/no/yes/yes
	Certificates	Pack: IEC/EN 62619; UN38.3 Cell: IEC/EN 62619;UN38.3;UL1973