

Energy Storage (AC Three-phase)

OLV-ES-10K-P3 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 low function. Battery reverse connect protection.



Grace

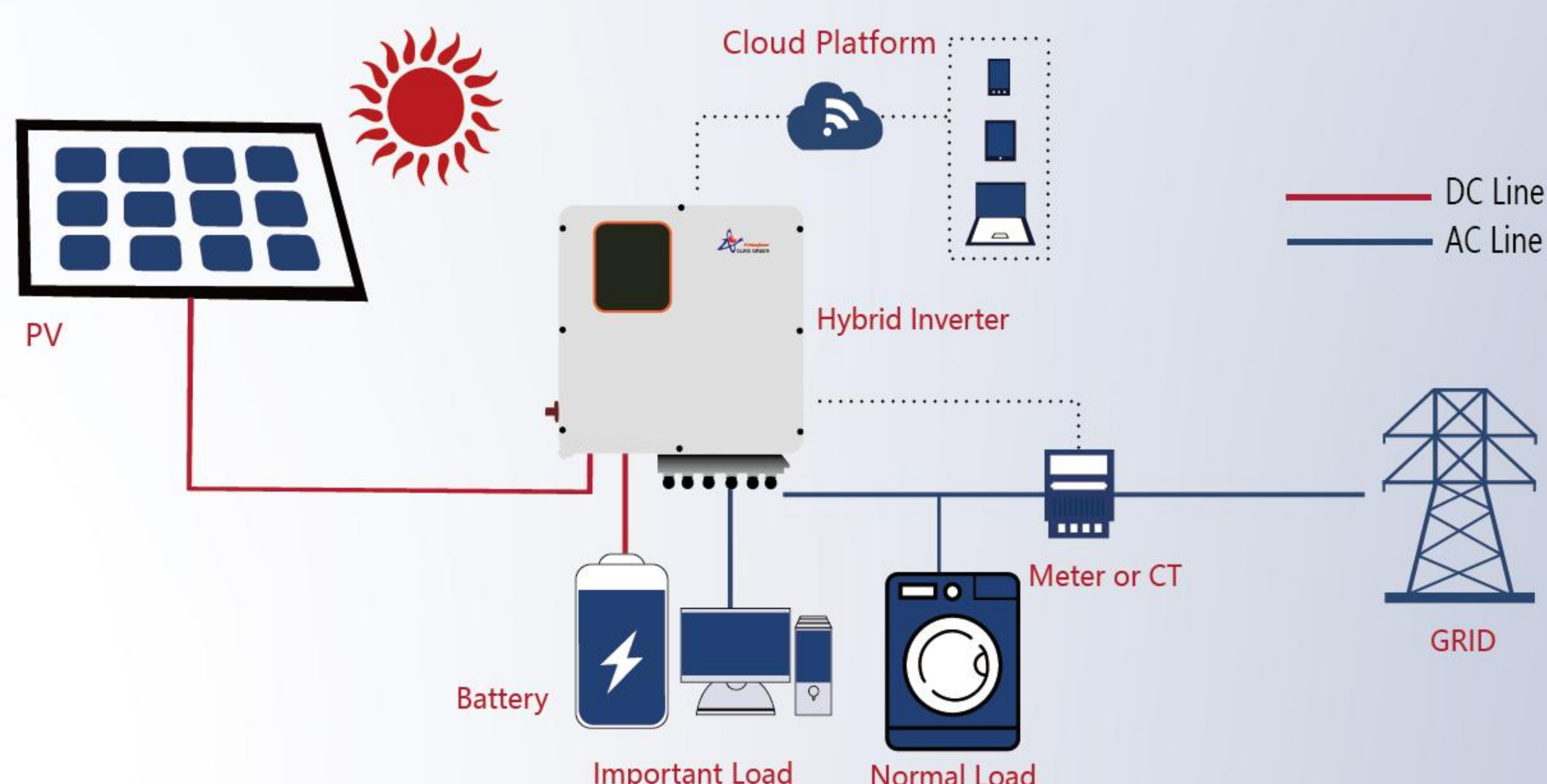
Fashion appearance, light weight, smart operation. Natural cooling, low noise. IP65, wall mounted design, saving space. Touch screen LCD.



Advanced

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

Product Topology



Technical Parameters



Model		OLV-ES-10K-P3
PV input	Max. input power	13KW
	Max. PV voltage	1000V
	MPPT range	180V-850V
	Max. input current	16A*2
	MPPT tracker/strings	2/1
AC output	Max. output power	11KVA
	Max. output current	15.9A
	Nominal voltage/range	380V/400V 3W+N+PE
	Frequency	50 /60Hz
	PF	0.8lagging-0.8leading
	THDI	<2%
	AC output topology	3W+N+PE
Battery	Battery voltage range	150V~550V
	Charge/discharge current	40A
	Max. Charge/discharge power	11KW
	Battery type	Lithium-ion /Lead-acid
	Communication interface	CAN/RS485
Eps output	Max. output power	11KVA
	Rated voltage	400Vac
	Rated current	15.9A
	Rated frequency	50 /60Hz
	Automatic switchover time	<20ms
	THDU	<2%
Generaldata	Battery chage/discharge	97.5%
	DC max. efficiency	98.2%
	Europe efficiency	97.5%
	MPPT efficiency	99.9%
	Protection class	IP65
	Noise emission (typical)	<25dB
	Operation temperature	-25°C~+60°C
	Cooling	Natural
	Relative humidity	0 ~100%
	Altitude	4000m(Derating above 2000 m)
	Dimensions (WDXH)	560X220X680mm
	Weight	31kg
	Inverter topology	Without transformer
	Self-consumption	<3W
Features	Display	LCD;APP
	Interface:rs485/wifi/lan/can/drm	yes /opt/opt/yes/yes
	Certificates	CE TUV VDE EN50549