

KSY 6G Hybrid Series 3kW- 8kW



Easy access



Accessible through a LCD touch screen and through the web
Improve your energy with Zero-Electricity bill



All in One

ON-Grid/ OFF-Grid/Hybrid /UPS
KSY Hybrid series is suitable for ON-Grid and OFF-Grid applications. Can be use without Grid & Battery, Control MD Demand



BMS-Lead Acid & LiFP04

Battery Communication for lithium battery



Safe

Physical and electrical dual isolation, Earth Leakage Current Monitoring, Anti-Island protection, Insulation detection and so on



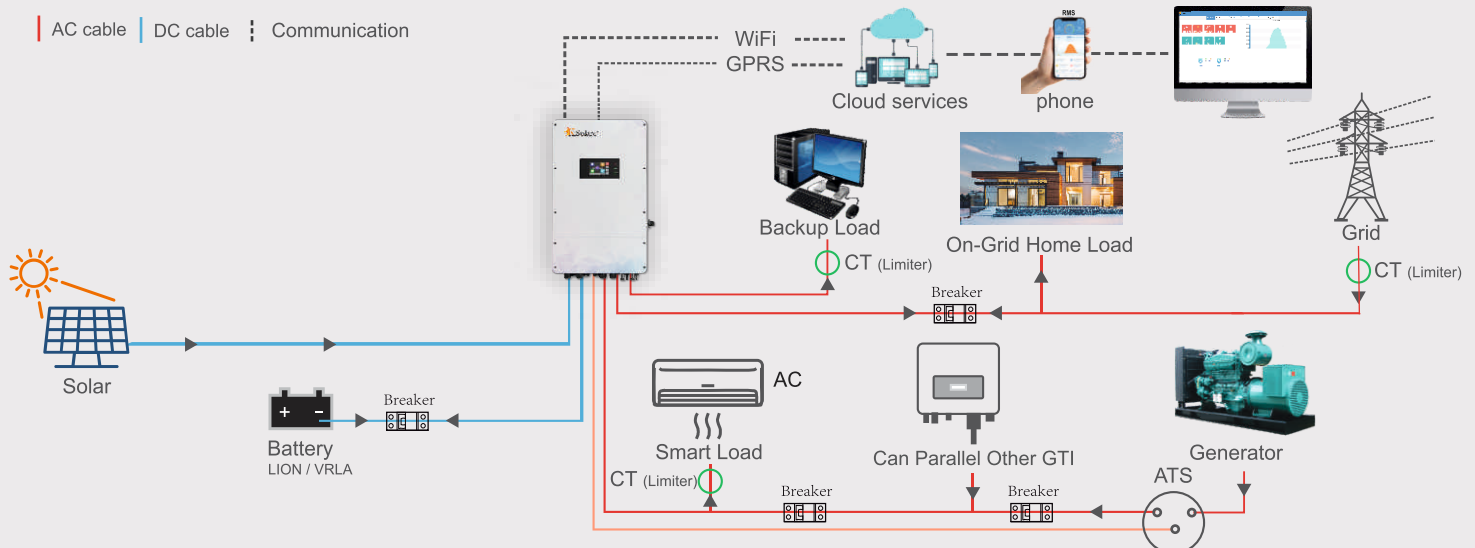
Remote Monitoring (BT, GPRS, WiFi)

Control and monitor your smart system on the move via our monitoring App and website



Flexible Rate Tariff

Charge from the grid at off-peak time when energy is cheaper, and discharge at peak time when energy is more expensive.



SPECIFICATIONS

Technical Specification	KSY 6G Hybrid series		
Rated Power	3000VA/3000W	6000VA/6000W	8000VA/8000W
PV INPUT			
Max.power(kW)	3.6	7	10
Max.DC voltage(V)	500		
MPPT voltage range(V)	90-45	90-450	
Max.input current(A)	30	30	30
MPPT number/Max.input strings number	1/2		2/2
AC OUTPUT(GRID-TIED)			
Grid voltage(range(V))	230/90-280(For Personal Computers);170-280(For Home Appliances)		
Frequency(Hz)	50/60		
PF	0.8lagging-0.8Leading		
THDi	<3%		
AC output topology	L+N+PE		
BATTERY			
Battery voltage range(V)	40-63		
Max.charging voltage(V)	63		
Max.charge/discharge current(A)	100	100/120	100/120
Battery Type	Lithium /Lead-acid		
INVERTER OUTPUT			
Rated power (kw)	3	6	8
Rated output voltage(V)	220/230/240		
Rated output current(A)	13.04		36.3/34.7/33.3
Rated frequency (Hz)	50/60		
Transfer Time(ms)	<10		
THD	<10%		
Overload capacity	5s≥110%load;10s≥101%~110%load		
PROTECTION & FEATURE			
Anti-island protection (On Grid Mode)	Yes		
Insulation & protection monitoring	Yes		
Residual current monitoring	Yes		
Arc fault protection	Yes(Optional)		
Parallel function	Yes, 6 units		
Other protection	AC overcurrent,AC overvoltage,Over temperature protection		
GENERAL PARAMETER			
Efficiency (Peak)	99% (On Grid Mode), 93% (Battery Mode)		
Degree of protection	IP65		
Operation temperature	-25°C~50°C,>45°C derating		
Cooling	smart cooling		
Relative humidity	5~95% (non-condensing)		
Altitude	(<2000m Derating)		
Dimensions W x D x H(mm)	345*197*661		
Net Weight(KG)	20.4	22.5	32
Topology	Three Level		
Self-consumption (W)	<5		
DISPLAY AND COMMUNICATION			
Display	Touch screen		
Interface	Standard:RS232,CAN&RS485,Optional:WiFi,CT		
Safety standard	EN/IEC62109-1,EN/IEC62109-2		

Address:

Sr.No. 3, KSolare Technology Park, 7/B/1/4, opp. Hotel Royal Sahyadri, near Poonam petrol pump, Mangdewadi, Pune, Maharashtra 411046

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