



iStar-F
Hybrid Inverter (EU)

Fashion appearance, light weight, smart operation.

Natural cooling, low noise.

Compatible with lead-acid or lithium-ion batteries or other battery.

Compatible anti counter flow function.

Battery reverse connect protection.

Intelligent energy management system for home.



Villa



Communication
Base Station



Nomadic Area



Farm



Household



Field Power Supply

Specification						
PV input						
Model	SP--R3KL1	SP--R3K6L1	SP--R4KL1	SP--R4K6L1	SP--R5KL1	SP--R6KL1
Max.Input Power	4600W		6000W		7000W	
Start-up voltage	125V					
Max.PV voltage	550V					
MPPT range/nominal	125V-500V/360V					
Max.input current	14A/14A					
MPPT trackers/strings	2/1					
AC output						
Rated power w/va	3000VA	3600VA	4000VA	4600VA	5000VA	6000VA
Max.output current	13A	16A	17.4A	20A	21.7A	26A
Nominal voltage/range	230V/180Vac~280Vac					
Frequency	50/60Hz					
THDI	<3%					
AC output topology	L+N+PE					
Battery						
Battery voltage range	40~58V					
Max.charging voltage	58V					
Charge/discharge current	95A/62.2A	95A/75A	95A/83.3A	95A/95.8A	95A/104.2A	95A/110A
Battery type	Lithium/Lead-acid					
Communication interface	CAN/RS485					
EPS output						
Rated power w/va	3000VA	3600VA	4000VA	4600VA	5000VA	6000VA
Rated voltage	230Vac					
Rated current	13A	16A	17.4A	20A	21.7A	26A
Rated frequency	50/60Hz					
Automatic switchover time	<20ms					
General data						
Protection class	IP65					
Operation temperature	-25 C ~+60 C					
Relative humidity	0~95%(NON-condensing)					
Battery charge/discharge	95.5%/95%					
DC max.efficiency	97.6%					
Euro efficiency	97%					
MPPT efficiency	99.9%					
Certificate	CE/TUV/SAA					
Dimension	55x20x52.5 CM					
Weight	26KG					
Self-consumption	<3W					
Warranty	5 years					

