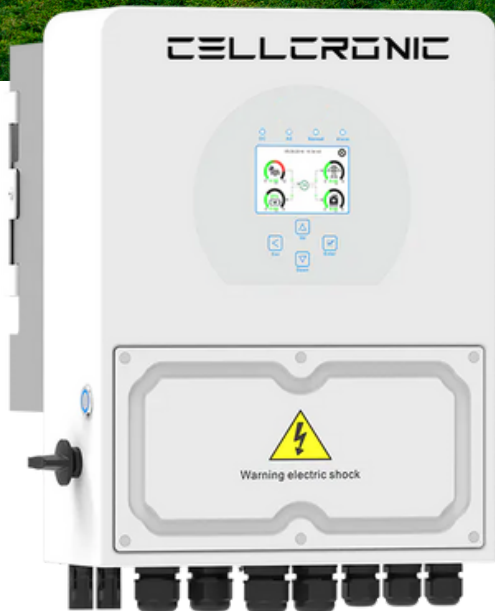


HYBRID SOLAR INVERTER

Galaxy-5K-Version-7G-Pro



Price
₹126,784.82
Exl GST



LCD Screen, IP65 Protection degree

16

Max. 16pcs parallel for on-grid and off-grid operation; Support multiple batteries parallel



Compatible with lead-acid batteries and lithium battery energy storage systems

135

Max. charging/discharging current of 135A

6

6 time periods for battery charging/discharging



Support storing energy from diesel generator



Maximum DC input power 9600W



Maximum AC Output Active Power 6600W



5 years warranty/ Expendable up to 10 Years

Model	Galaxy_5K_Version_7G_Pro Hybrid Solar Inverter
Battery Input Data	
Battery Type	Lead-acid or Lithium-ion
Battery Voltage Range (V)	40~60
Max. Charging Current (A)	135
Max. Discharging Current (A)	135
Number of Battery Input	1
Charging Strategy for Li-Ion Battery	Self-adaption to BMS
PV String Input Data	
Max. PV Input Voltage (V)	9600
Max. PV Input Voltage (V)	500
Start-up Voltage (V)	125
MPPT Voltage Range (V)	150-425
Rated PV Input Voltage (V)	370
Max. Operating PV Input Current (A)	13A+13A
Max. Input Short-Circuit Current (A)	17A+17A
No.of MPP Trackers	2
No.of Strings per MPP Tracker	1+1
AC Input/Output Data	
Rated AC Input/Output Active Power (W)	5000
Max. AC Input/Output Apparent Power (VA)	6600
Rated AC Input/Output Current (A)	21.8 A
Max. AC Input/Output Current (A)	28.7 A
Max. Continuous AC Passthrough (grid to load) (A)	40 A
Peak Power (off grid)	2 time of rated power, 10 S
Power Factor Adjustment Range	0.8 leading to 0.8 lagging
Rated Input/Output Voltage/Range (V)	220V/230 0.85Un-1.1Un
Rated Input/Output Grid Frequency/Range(Hz)	50Hz/45Hz-55Hz 60Hz/55Hz-65Hz
Grid Connection Form	L+N+PE
Total Current Harmonic Distortion THDi	<3% (of nominal power)
DC Injection Current	<0.5% In
Efficiency	
Max. Efficiency	97.6%
Euro Efficiency	97.0%
MPPT Efficiency	>99%
Equipment Protection	
Integrated	DC Polarity Reverse Connection Protection, AC Output Overcurrent Protection AC Output Overvoltage Protection, AC Output Short Circuit Protection, Thermal Protection, DC Terminal Insulation Impedance Monitoring, DC Component Monitoring, Ground Fault Current Monitoring Power Network Monitoring, Island Protection Monitoring, Earth Fault Detection, DC Input Switch Overvoltage Load Drop Protection, Residual Current (RCD) Detection, Surge protection level
Surge Protection Level	TYPE II(DC), TYPE II(AC)
Interface	
Communication Interface	RS485/RS232/CAN
Monitor Mode	GPRS/WIFI/Bluetooth/4G/LAN(optional)
General Data	
Operating Temperature Range (°C)	-40 to +60°C, >45°C Derating
Permissible Ambient Humidity	0-100%
Permissible Altitude	2000m
Inverter Topology	Non-Isolated
Over Voltage Category	OVC II(DC), OVC III(AC)
Type of Cooling	Intelligent Air Cooling
Noise (dB)	<30
Communication with BMS	RS485; CAN
Weight (kg)	17 Kg
Cabinet Size (WxHxD mm)	330*433*229 （Excluding connectors and brackets）
Ingress Protection(IP) Rating	IP65
Installation Style	Wall-mounted
Grid Regulation	IEC 61727, IEC 62116, CEI 0-21, EN 50549, NRS 097, RD 140, UNE 217002, OVE-Richtlinie R25, G98, G99, VDE-AR-N 4105
Safety / EMC Standard	IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2
Warranty	5 Years/10 Years the Warranty Period Depends the Final Installation Site of Inverter, More Info Please Refer to Warranty Policy