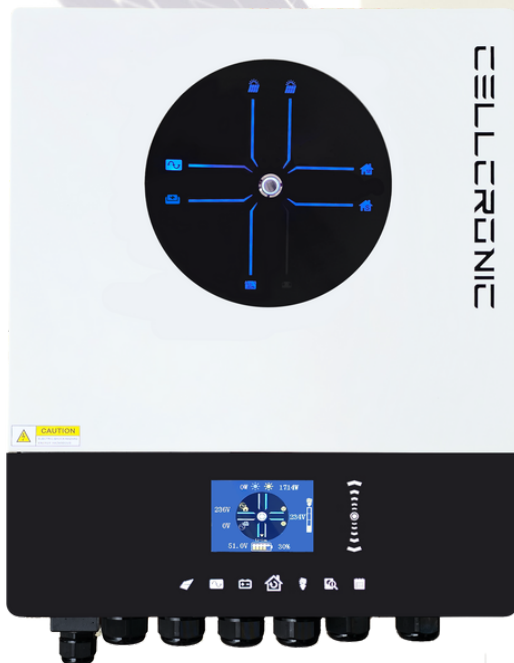


Hybrid Solar Inverter

Galaxy 10K Version Eco Pro Plus

Price
1,42,856 Exl GST



-  Colorful LCD Screen, IP20 protection degree
-  AC couple to retrofit existing solar system
-  Max. 06 pcs parallel for on-grid and off-grid operation; Support multiple batteries parallel
-  Max. charging/discharging current of 210A
-  Support storing energy from diesel generator
-  Max. AC Input/Output Active Power 11,000W
-  Max. PV Input Power 15000W
-  2 Years Warranty

Technical Data

www.cellcronic.com

Model	Galaxy 10K Version Eco Pro Plus Hybrid Inverter
Battery Input Data	
Battery Type	Lead-acid or Lithium-ion
Battery Voltage Range (V)	40~60
Max. Charging Current (A)	210
Max. Discharging Current (A)	210
Number of Battery Input	1
Charging Strategy for Li-Ion Battery	Self-adaption to BMS
PV String Input Data	
Max. DC Input Power (W)	15,000 W
Max. PV Input Voltage (V)	500
Start-up Voltage (V)	125
MPPT Voltage Range (V)	150V-450V
Rated PV Input Voltage (V)	370
Max. Operating PV Input Current (A)	27A+27A
Max. Input Short-Circuit Current (A)	40A+40A
No.of MPP Trackers	2
No.of Strings per MPP Tracker	1+1
AC Input/Output Data	
Rated AC Input/Output Active Power (W)	10,000 W
Max. AC Input/Output Apparent Power (VA)	11,000 W
Rated AC Input/Output Current (A)	44 A
Max. AC Input/Output Current (A)	48 A
Max. Continuous AC Passthrough (grid to load) (A)	50 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)	220/230 0.85Un-1.1Un
Rated Input/Output Grid Frequency/Range(Hz)	50/45-55, 60/55-65
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	96.5%
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	USB/RS485/RS232/CAN/Dry-Contact
Monitor Mode	GPRS/WIFI/Bluetooth/4G/LAN(optional)
General Data	
Operating Temperature Range (°C)	-10 to +50°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	Fan Cooling
Noise (dB)	<45
Weight (kg)	18.4 Kg
Cabinet Size (D*W*H mm)	145*438*553.6 (Excluding Connectors and Brackets)
Ingress Protection(IP) Rating	IP20
Installation Style	Wall-mounted
Grid Regulation	VDE4105, IEC61727/62116, VDE0126, AS4777.2, CEI 0 21, EN50549-1, G98, G99, C10-11, UNE217002, NBR16149/NBR16150
Safety / EMC Standard	IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2
Warranty	2 Years Standard