HYBRID INVERTER GEN-LB-EU 10K



- Supports up to 10pcs in parallel for on/off grid
- AC coupling function
- Smart load prioritizes necessities
- Auto Gen control
- Octopus smart time of use, weather optimize
- Durable battery terminals

INPUT (PV DC)	GEN 10K
Max. PV array power(W)	15000
Rated PV input voltage(V)	360
Number of independent MPPT inputs	2
PV input voltage range(V)	100~600
MPPT voltage range(V)	120~500
Start-up voltage(V)	140
Max. PV input current per MPPT(A)	25
Max. PV short-circuit current input per MPPT(A)	34
Battery	
Compatible battery type	Lithium-ion/Lead-Acid
Rated battery voltage(Lithium-ion/Lead-Acid) (V)	48
Battery voltage range(V)	40~60
Max. charging/discharging current(A)	210
Max. charging/discharging power(W)	10000
Force wake up battery from PV fuction(Y/N)	Y
Grid	
Rated AC voltage(V)	230
Rated AC frequency(Hz)	50/60
Rated AC output current(A)	43.5
Rated AC output power(W)	10000
Max. AC intput current(A)	63
PF	0.99 (Adjustable from 0.8 leading to0.8 lagging)
THDI	＜3%
Rated AC current of BYPASS relays(A)	90
UPS	
Rated output power(W)	10000
Rated output voltage(V)	230
Rated output current(A)	43.5
Rated output frequency(Hz)	43.5
Surge power, duration	2Pn, 0.5s
Switching time	＜20ms
Wave form	Sine wave
THDV	＜3%
Efficiency	
MPPT efficiency	99.9%
Max. efficiency@PV to grid	97.5%
Max. efficiency@battery to grid	94%
Max. charging/discharging efficiency	94%
Protection	
PV reverse polarity protection(Y/N)	Y
Over current/voltage protection(Y/N)	Y
Anti-islanding protection(Y/N)	Y
AC Short-circuit current protection(Y/N)	Y
Leakage current protection(Y/N)	Y
Ground fault monitoring(Y/N)	Y
Grid monitoring(Y/N)	Y
DC Switch(Y/N)	Y
AC/DC Surge protection Type III	Y
General	
Dimensions(W*H*D)	584*536*290mm/23*21.1*11.4inch
Weight	42.64kg
Ingress protection rating	IP65/NEMA 4X
Relative humidity	0~100%
Operating environment temperature range	-25℃60
Storage temperature range	-25℃60
Display & Communication interface	Touch color screen, RS485/Wifi/CAN
Warranty	5 years
Cooling method	Smart cooling
Topology	Transformer-less
Altitude	<2000m
Noise emission(typical)	<50dB