

OFF-GRID

GETA 1.5-6K (Single-Phase)

- Max. PV input 500V
- Battery activation via PV and utility grid
- Dual outputs for intelligent load management
- Real-time 24/7 remote monitoring
- Flexible operation modes to meet diverse energy needs
- EQ function for enhanced battery performance and longevity
- Wide voltage compatibility: Supports 12V, 24V, and 48V battery systems



Model	GETA-LB-EU 1.5K/12V	GETA-LB-EU 2.5K/24V	GETA-LB-EU 3.6K/24V	GETA-LB-US 3.6K/24V-120	GETA-LB-EU 3.6K/48V	GETA-LB-EU 6K/48V
Input (PV DC)						
Max. PV array power (W)	2000	3000	4000			6500
Number of independent MPPT inputs	1					
Max. PV input voltage (V)	500					
MPPT voltage range (V)	45 ~ 440	55 ~ 440			100 ~ 440	
Start-up voltage (V)	45	55			90	
Max. PV input current per MPPT (A)	18					27
Max. Short-circuit current per MPPT (A)	20					35
Battery						
Compatible battery type	Lithium-ion / Lead-acid					
Rated battery voltage (V)	12	24			48	
Max. AC Charge Current (A)	100				40	100
Max. PV+AC charge current (A)	120	100			60	120
Max. discharging current (A)	140				60	120
Force wake up battery from PV function	Yes					
Force wake up battery from Grid function	No		Yes			
Grid						
Rated AC voltage (V)	230			120	230	
AC voltage range (V)	170-280VAC (For Personal Computer); 90-280VAC (For Home Appliances)					
Rated AC frequency (Hz)	50 / 60					
Max. AC input power (W)	3000	5000	7200			8700
PF	0.99					
THDI	< 3%					
UPS						
Rated output power (W)	1500	2500	3600			5800
Rated output voltage (V)	220 / 230VAC + 5%			120VAC + 5%	220 / 230VAC + 5%	
Rated output current (A)	6.5	10.9	15.7	30	15.7	25.2
Rated output frequency (Hz)	50 / 60					
Output Port	Single Output		Dual Outputs			
Surge power, duration	2 × rated power for 2s					
Switching time (UPS)	10ms (For Personal Computer); 20ms (For Home Appliances)					
Wave form	Sine wave					
THDV	3%					
Overload Protection	5s@≥1.4 × rated power; 10s@(1~1.4) × rated power					
Efficiency						
MPPT efficiency	99.0%					
Max. charge efficiency	96.0%					
Max. discharge efficiency	93.0%					
Protection						
Over current / voltage protection	Yes					
AC Short-circuit current protection	Yes					
DC Surge protection	Type III					
AC Surge protection	Type III					
General						
Dimensions (W × H × D)	307 × 418 × 111 mm / 12.1 × 16.5 × 4.4 in					321.5 × 488 × 122 mm/ 12.7 × 19.2 × 4.8 in
Weight	6 kg / 13.2 lbs	6.2 kg / 13.7 lbs	7.33 kg / 16.16 lbs	7.53 kg / 16.6 lbs	TBD	10 kg / 22.0 lbs
Ingress protection rating	IP21					
Relative humidity	5% ~ 95%					
Operating environment temperature range (°C)	-10 ~ 55 (> 40 °C Derating)					
Storage temperature range (°C)	-10 ~ 55					
Display & Communication interface	LCD + LED; WIFI					
Warranty	2 years					
Cooling method	Smart Cooling					
Max. Operating Altitude (m)	2000					
Standard & Certification						