

OFF-GRID

GETA 1.5-6K (Single-Phase)

- Max. PV input voltage 500V
- Wide voltage compatibility: Supports 12V, 24V, and 48V battery systems
- 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



| Model | GETA-LB-EU 1.5K/12V | GETA-LB-EU 2.5K/12V | GETA-LB-EU 2.5K/24V | GETA-LB-EU 3.6K/24V | 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 | 50 ~ 440 | 55 ~ 440 | | 100 ~ 440 | |
| Start-up voltage (V) | 65 | 65 | 65 | | 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 | | | 80 | 100 | |
| Max. PV+AC charge current (A) | 120 | 100 | | 80 | 120 | |
| Max. discharging current (A) | 140 | | | 80 | 120 | |
| Force wake up battery from PV function | Yes | | | | | |
| Force wake up battery from Grid function | Yes | | | | | |
| Grid | | | | | | |
| Rated AC voltage (V) | 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 | 5000 | 7200 | 7200 | 8700 |
| PF | 0.99 | | | | | |
| THDI | < 3% | | | | | |
| UPS | | | | | | |
| Rated output power (W) | 1500 | 1500 (BAT) / 2500 (PV+BAT) | 2500 | 3600 | 3600 | 5800 |
| Rated output voltage (V) | 220 / 230VAC + 5% | | | | | |
| Rated output current (A) | 6.5 | 6.5 / 10.9 | 10.9 | 15.7 | 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@Single | | | | | |
| 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 | 302×320×95 mm 11.9×12.6×3.7 in | 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 | TBD | 6.2 kg / 13.7 lbs | 7.3 kg / 16.2 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 | 1.5 years | | | | | |
| Cooling method | Smart Cooling | | | | | |
| Max. Operating Altitude (m) | 2000 | | | | | |
| Standard & Certification | | | | | | |
| CE | | | | | | |