

GENERATOR SOLUTIONS

SOLAR ENERGY STORAGE

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|---------------------------------------|---|
| Model No. | PS12030B |
| System storage capacity | 12kWh |
| System Work Model(ON-GRID & OFF-GRID) | On & Off Hybrid |
| Nominal AC output power | 3000 W |
| Maximum AC output power | 4500 W |
| AC voltage (OFF-GRID) | 230Vac+2% |
| AC voltage (ON-GRID) | 230Vac+7V |
| Nominal frequency | 50Hz |
| Nominal output current | 30A |
| Maximum output current | 45A |
| Feed in to grid | yes |
| Maximum efficiency | >92.5% |
| Maximum efficiency | >97% Battery |
| Battery | |
| Battery Management System | YES |
| Rated Capacity | 234Ah |
| Battery Type | Li-ion |
| Maximum charge voltage | 58.5V |
| Minimum discharge voltage | 42V |
| DC/AC protection | yes |
| DC lightning arrester | yes |
| Batteries protection | Fuse |
| GENERAL | |
| IP protection category | IP 20 |
| Communication | RS485 |
| Conditions of use | Humidity: 5% – 90% Temperature:0-40°C(Charging) - 20-50°C (Discharging) |
| Warranty | 5 Years |
| Dimensions | L779*W347*H912mm |
| Weight | 190kg |