

SR-HP2450 PWM

SOLAR CONTROLLER



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|---------------------------------|--|-----------------------|
| Model | HP2450 | HP2460 |
| Rated current | 50A | 60A |
| System voltage | Automatic recognition of 12V/24V | |
| Rated power | 12V/750W 24V/1500W | 12V/900W 24V/1800W |
| No-load loss | < 13mA/12V;< 15mA/24V | |
| Max. Solar energy input voltage | <55 | |
| Max. voltage at the battery end | <34V | |
| Overvoltage protection | 16.0V | |
| Charging recovery voltage | 13.2V | |
| Over-discharge recovery voltage | 12.5V(settable with the keys) | |
| Over-discharge voltage | 11.0V(settable with the keys) | |
| Boost charging time | 2H | |
| Temperature compensation | -3.0mV/°C/2V | |
| Light control voltage | Light control on 5V, light control off 6 V (light control on plus 1 V) | |
| Light control judgment time | 10 minutes | |
| USB function | NO | |
| Operating temperature | -25°C~+55°C | |
| IP protection degree | IP30 | |
| Net weight | 650g | |
| Protection functions | Battery reverse connection protection, solar panel reverse connection protection Notice 1, reverse charging protection at night ,Charging overload protection, overcurrent protection , short circuit protection | |
| Dimensions | 189.27×127.2×54.0 (mm) | |