

Model	HP2430
Rated current	30A
System voltage	Automatic recognition of 12V/24V
Rated power	12V/450W 24V/900W Manual setup
No-load loss	< 13mA/12V; < 15mA/24V
Max. Solar energy input voltage	<55
Max. voltage at the battery end	<34V
Battery type (×1/12V; ×2/24V; )	FLD (flooded) / SLD (sealed) / GEL / LI (lithium)
Overvoltage protection	16. 0V
Boost charging voltage	14.8 / 14.6 / - / -
Floating charging voltage	13.8 / 13.8 / 13.8 / -
Charging recovery voltage	13.2V
Over-discharge recovery voltage	12.5V (settable with the keys)
Over-discharge voltage	11.0V (settable with the keys)
Equalizing charging interval	30days
Equalizing charging time	1H
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	Yes
Bluetooth function	optional
Operating temperature	-25°Cto+55°C;
IP protection degree	IP30
Net weight	390g
Protection functions	Battery plate reverse connection protection note 1, a battery reverse connection protection note 2, charging battery board short circuit protection, charging the battery open circuit protection, charging over current protection, overload protection, load short-circuit protection controller and over temperature protection.
Dimensions	164.0×103.5×47.0(mm)