

Technical Data Sheet



Model		HP2420	
Rated current		20A	
Current display function		NO	
System voltage	Automatic recognition of 12 V/ 24 V		
No-load loss	< 10mA/12V; < 12mA/24V		
Max. Solar energy input voltage	<55V		
Max. voltage at the battery end	<35V		
Overvoltage protection	17.0V; ×2/24V;		
Equalizing charging voltage	14.6V; ×2/24V;		
Boost charging voltage	14.4V; ×2/24V;		
Floating charging voltage	13.8V; ×2/24V;		
Charging recovery voltage	13.2V; ×2/24V;		
Over-discharge recovery voltage	12.6V; ×2/24V;		
Over-discharge voltage	11.1V; ×2/24V;		
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, ×2/24V; light control off 6V, ×2/24V;		
Light control judgment time	1minute		
Operating temperature	-25°C to +55°C ;		
IP protection degree	IP30		
Net weight		160g	
Protection functions	Solar panel short circuit and reverse-connection protection		
	Over-temperature, overload and short circuit protection		
Dimensions		130×75×38(mm)	