hasivo®

Hardware specifications

Model	S1300WP-8G-2S-SUN-AUTO
Product name	8+2 Managed MPPT Solar PoE Switch
Fixed Port	8*10/100/1000M RJ45 PoE port 2*100M/1000M SFP
PoE Ports	The 1-8 ports adopt Hasivo fully automatic PoE technology, which can power 48V or 24V devices, IEEE 802.3af/at, PoE port maximum output 30W Active detection of 24V power supply, PoE port maximum output of 25W Configurable 48V/24V PoE output Configurable 48V/24V PoE forced output
Console port	1*console port
PoE Pin	af/at: 12+ 36- ；24V PoE：45+ 78-
PoE Bridge	Max 120W
DDR	1G DDR3
FLASH	16MB
RAM	16MB
Bandwidth	20Gbps
Packet Forwarding	14.88Mpps
MAC	8K
Buffer	4.1 Mbit SRAM Packet Buffer
Jumbo Frame	10000Bytes
VLAN Address	4K
Transmission Distance	10BASE-T：Cat3,4,5 UTP(≤250 meter) 100BASE-TX：Cat5 or later UTP(150 meter) 1000BASE-TX：Cat6 or later UTP(150 meter) SFP: 1000M single and multimode optical module with maximum distance ≤ 120km (depending on the optical module)
LED Indicator	PW: Power indicator light SYS: System indicator light 1-8: PoE - Work indicator light; Link_Network Connection Indicator 9-10: Optical port connection indicator light PoE port: Orange PoE indicator light, green network connection indicator light SUN: Solar indicator light AC: AC input indicator light VOT: Output voltage normal indicator light BOK: Battery normal indicator light BOT: Discharge indicator light BIN: Charging indicator light 25%/50%/75%/100%: Charge and discharge battery indicator light
Charging function	Fully functional charge and discharge control and web management Maximum efficiency of 98%, maximum charging current of 18A Integrated MPPT control Support float charging function for lead-acid batteries Support lithium battery activation function Warning output function under supported conditions Integrated battery temperature monitoring interface Supports over temperature protection function
Power input	Solar panels: Maximum power 1200W Supports 12V solar panel input (open circuit voltage ≤ 32V)/paired with 12V battery pack Supports 24V solar panel input (open circuit voltage ≤ 45V)/paired with 24V battery pack Maximum withstand voltage of solar energy input: 57V AC90-265V 50/60Hz input, maximum power 300W
Battery type	Default 6 battery types and specifications 1: 12V lead-acid battery pack 2: 24V lead-acid battery pack 3: 12.6V lithium battery pack 4: 25.2V lithium battery pack 5: 14.8V lithium iron phosphate battery pack 6: 29.6V lithium iron phosphate battery pack Customizable battery parameters Supports a maximum capacity of 500AH
Watt	Charging+full load: 300W; Discharge+full load: 150W
Operating Temperature/Humidity	-20～+65℃；5%～90% RH Non coagulation
Storage Temperature/Humidity	-40～+80℃；5%～95% RH Non coagulation
Product /Packing size（L*W*H）	330mm*190mm*45mm 410mm*280mm*100mm
N.W/G.W（kg）	3.4kg/4.1kg
Installation	Rack mounted (delivery rack ear accessories)
Lightning Protection level	6KV 8/20us; IP30
Warranty	Whole device for 1 year(Accessories not included)