

#### Efficient

- Advanced MPPT technologty with up to 99.9% efficiency
- Up to 22A PV input current perfect for high power

# User-friendly

- Industrial design with a modern aesthetic look
- Fasy to install and simple to use

## All-in-one

- Solar Charger Controller up to 100A charging current
- Support for Linion bottom, BMS communication

### Reliable

- Outputs high quality pure sine wave AC power
- IP65 protection degree for outside installation

#### Safety

- 360 degrees of security from hardware to software
- EU and North American safety approvals

### Intelligent

- Exclusive Li-ion battery BMS dual activation
- Time-slot function to save cost with peak-valley



	SKINE				
	MODEL	HES4840S100-H	HES4850S100-H	HES4860S100-H	CAN BI SET
	INVERTER OUTPUT				
	Rated Output Power	4,000W	5,000W	6,000W	
	Max.Peak Power	8,000VA	10,000VA	12,000VA	
	Rated Output Voltage		230Vac		1
	Load Capacity of Motors		4HP		
	Rated AC Frequency		50/60Hz		1
	Waveform	pure sine wave			
	Switch Time	10ms (typical)			
	Output Mode	Off-grid (default) / On-grid / Hybrid			1
	BATTERY			,	
	Battery Type	Lead-acid / Li-ion / User Defined			1
	Rated Battery Voltage	48V			
	Voltage Range		40~60Vdc		/
	Max.MPPT Charging Current		100A		1
	Max.Mains/Generator Charging Current	60A			1
	Max.Hybrid Charging Current PV INPUT		100A		1
	Num. of MPPT Trackers		1		
	Max.PV Array Power	4,500W	5,500W	6,600W	
	Max.Input Current	4,5000	22A	0,000	
	•	500Vdc			
	Max.Voltage of Open Circuit		120~450Vdc		
	MPPT Voltage Range MAINS/GENERATOR INPUT		120~450VdC		
	Input Voltage Range	LIDS mode: 17	70~280\/20: API modo	: 00~280\/20	1
		UPS mode: 170~280Vac; APL mode: 90~280Vac; 50/60Hz		. 90~200vac	•
	Frequency Range				
	Bypass Overload Current		40A		
	MPDT Tracking Efficiency		00.00/		
	MPPT Tracking Efficiency		99.9%		
	Max. Battery Inverter Efficiency		>90%		
	GENERAL Dimensions		556*245*100		
		556*345*182mm			
	Weight	19.2kg			
	Protection Degree	IP65			
	Operating Temperature Range	–25~55°C,>45°C derated			
	Humidity	0~100%			
	Cooling Method		Internal Fan		
	Warranty		5 years		
	COMMUNICATION	=	- / O.N. / / =		-
	Embedded Interfaces	RS48	85 / CAN / USB / Dry co	ontact	/
	External Modules (Optional)		Wi-Fi / GPRS		/
	CERTIFACATION		ELO 04 0000	1 VD=1:0=	
	Safety	IEC62109, CEI 0-21:2022 , VDE0124, VDE4105			İ
	EMC		EN61000,FCC part 15		
	Rohs		Yes		İ

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