

You're here: **PRODUCTS** / 10kW solar Hybrid Inverter



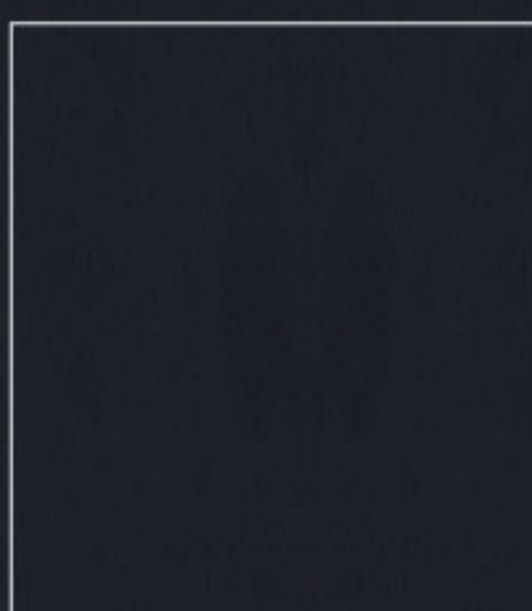
10kW solar Hybrid Inverter

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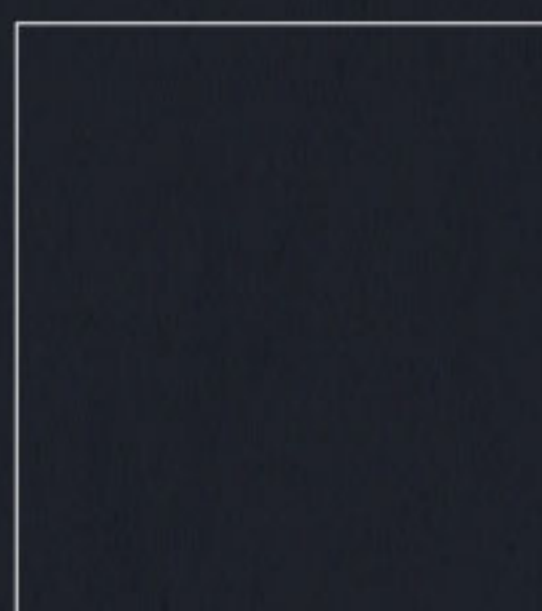
SIZE	Length	XXX mm
	Width	XXX mm
	Height	XXX mm
WEIGHT	XXX Kg	
POWER	XXX Kw/h	

Products are all a show

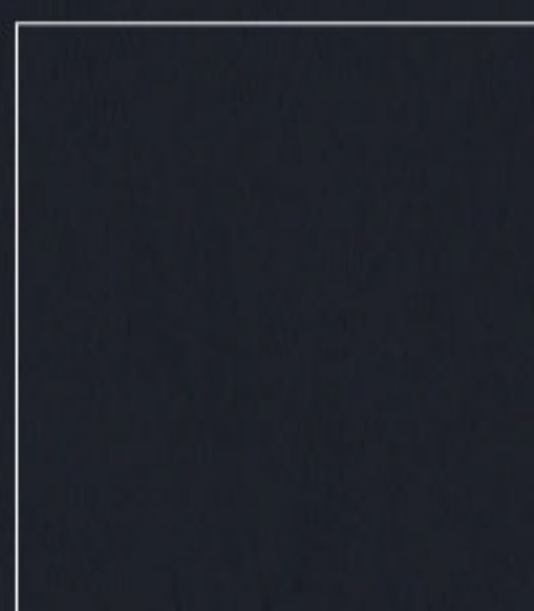
The Positive Show



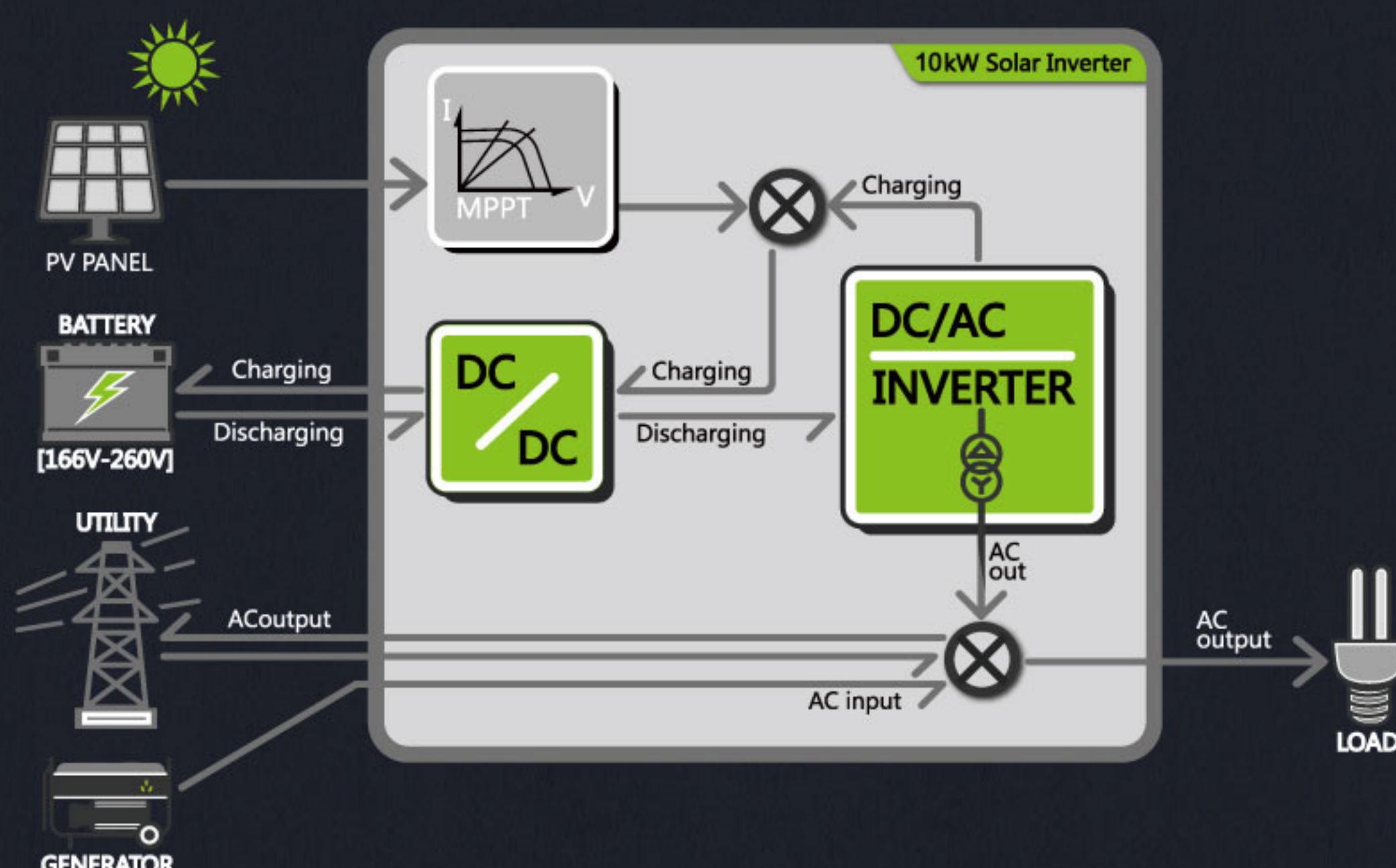
The Left Side Show



The Right Side Show



Product usage scenarios



Special Features

- Hybrid Inverter(Grid-connected & Off-grid)
- Pure sine wave
- Max. efficiency 96.2%
- Isolation transformer
- Built-in solar controller
- Multi MPPTS
- Indoor type, IP20 protection
- LCD Panel Display+LED Status Indicator
- RS 485 interface
- Advanced monitoring software included
- Overload and short circuit protection
- 4-port inverter (2x DC and 2x AC)

Product specification table

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Specifications				
Spec Category	Model	HKGO-8STH	HKGO-10STH	HKGO-12STH
	Power (KW)	8	10	12
	Operation Mode	Single phase, Grid-tied & Off-grid, Solar Hybrid Inverter		
PV	Input voltage range (VDC)	400~800		
	Allowed maximum solar power (KW)	8.8	11	13
	Maximum pv input current (A)	42	52	65
	MPPT tracking voltage range (V)	400~800		
	MPPT tracking ports number	1		
	MPPT tracking precision	99%		
Display	Panel and indicator	LCD+LED panel display		
Inverter	Inverter output voltage	Single phase pure sine wave 220Vac		
	Output voltage accuracy	±3%		
	Output frequency accuracy	50Hz±5%		
	Waveform distortion (THD)	≤3% (Linear Load)		
	Maximum efficiency	96.2%		
	Inverter overload capacity	125% 60 Sec, 150% 10 Sec Shutdown		
Battery	Short protection	Inverter auto shutdown		
	Battery voltage (V)	192		
	Battery type	Gelled Batteries/Lead acid batteries/lithium batteries		
Communication	Charge mode	Constant Current, Constant voltage, Floating, Three - stage, Charging mode		
Others	Information port	RS485		
	EMC	IEC6100-6-2/-4		
	Power disturbance	IEC6100-3-2/-3		
	Protection grade	IP20 (Indoor Type)		
	Ambient temperature	-20~55 °C (>50 °C De-rate)		
	Ambient humidity	0~95% (Noncondensing)		
	Cooling	Forced air cooling		
	Noise	≤65dB		
Operating elevation	2000m (Rising Every 100m Derating 1%)			

CONTACT

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