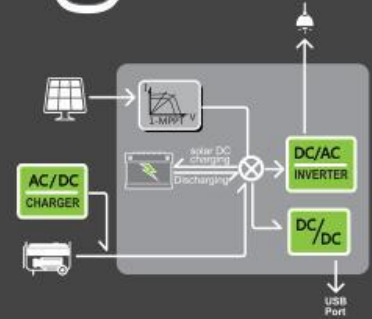




Deliver Series

# Portable Solar Off-grid Power System



**300W**



**1200W**



**600W**



- Li-ion/Lead Acid/Gel Batteries
- Solar Controller with MPPT
- Modified Sine Wave
- LCD Display
- USB Port
- Portable



## Single Phase Off-Grid Solar Portable Inverter System

Specifications				
Spec Category	Model	HKO-300STH-MSB	HKO-600STH-MSB	HKO-1200STH-MSB
	Operation Mode	PV Off-grid inverter		
Solar Charger	PV Input Power (W)	120	240	
	Maximum PV Input Current(A)	4.5		9
	MPPT Voltage Range (V)	20~45		
	No.of MPP Trackers	1		
	Max.MPP Efficiency	99%		
	Charging Voltage (V)	12V-24V		
	Maximum Charging Current (A)	10A	20A	
	Maximum Efficiency (PV-Battery)	93%		
	Charge Mode	Constant Current, Constant Voltage, Floating, Three-stage charging mode		
AC Inverter	DC Input Voltage (V)	12V/24V		
	Output Wave	Modified Sine Wave		
	Output Voltage (V)	115±10V		
	Output Power (W)	300	600	1200
	Output Voltage Accuracy	±3%		
	AC Voltage Frequency (Hz)	60±1Hz		
	Maximum Efficiency	88.0%		
	Inverter Overload Capacity	125% 60 sec, 150% 10 sec shutdown		
	Short Protection	Inverter auto shutdown & return		
Battery	Battery Voltage (V)	12V/24V		
	Battery Type	AGM		
	Battery Capacity	50Ah	100Ah	200Ah
General	Display	LCD+LED panel display		
	USB PORT	5V/2A		
	Car Port ( The car cigarette lighter )	12V/120W		
	AC Charger Port	YES		
	EMC	Conform IEC6100-6-2/-4		
	Conform Certification	CSA		
	Protection Grade	IP21		
	Ambient Temperature	0~45°C		
	Ambient Humidity	0~90% (noncondensing)		
	Cooling	Force air cooling		
	Noise	≤50dB		
	Operating Elevation	2000m (Rising every 100m derating 1%)		

### HyECO Power Tech Co., Ltd.

**Power System Division:** 12 Beiqian Lane, Industrial Park, Suzhou, Jiangsu 215000, China.

Tel: (86-512) 6761 2708 Fax: (86-512) 6281 8406 E-mail: henrykoo@hypetek.com

**Engine & Garden Tools Division:** 7558 Mudong Rd., Hengjing, Wuzhong, Suzhou, Jiangsu 215103, China.

Tel: (86-512) 6620 9305 Fax: (86-512) 6620 2718 E-mail: global@hypetek.com www.hypetek.com

