

# NEW

From SolaX

## X-HYBRID THREE PHASE

Available autumn 2016



[www.solaxpower.com](http://www.solaxpower.com)

## X-HYBRID THREE PHASE

### The World's Leading Hybrid Inverter Just Got Better

The new X-Hybrid 3-phase inverter from SolaX is the latest incarnation of the market leading range of hybrid inverters, offering a flexible and scalable solution for both domestic and commercial applications.

The 3-phase series includes inverters ranging in size from 5 to 10kW, and with the ability to install multiple inverters in parallel, scalable battery storage for commercial applications is now a reality. The inverter is equipped with a built-in EPS (Emergency Power Supply), has multiple communication options and can be controlled remotely.

- > Increased self-consumption
- > Less reliance on grid power
- > Charge batteries from grid for peak-time usage
- > Compatible with leading high-voltage batteries
- > High efficiency
- > Install inverters in parallel for scalability
- > Protect against power outages
- > Remote control function
- > IP65 rated
- > Unbalanced output supported
- > Generator interface



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### X-HYBRID 5.0-T

### X-HYBRID 6.0-T

### X-HYBRID 8.0-T

### X-HYBRID 10.0-T

Input (DC)				
Max. recd. DC power [W]	6000	7200	9600	12000
Max. PV voltage [V]	1000			
Nominal voltage [V]	700			
MPPT voltage Range [V]	320~800			
Max. PV current [A]	11/11	11/11	11/11	11/18
Isc PV [A]	14/14	14/14	14/14	14/23
MPP tracking no.	2			
No. of PV inputs	1	1	1	1/2
Output (AC)				
Rated output power [VA]	5000	6000	8000	10000
Max. output power [VA]	5000	6000	8000	10000
On-grid connection	Three-phase			
Voltage range	400V/230VAC +/-10 % ;380/220VAC +/-10 %			
Nominal voltage	400V/380V			
Max. output current [A]	8.5	10	13.5	16.5
Frequency range	50/60HZ; 47~53/57~63			
Power factor	1 / 0.8 leading....0.8 lagging			
THD	<2%			
Efficiency				
Euro efficiency (%)	97			
Max. efficiency (%)	97.6			
MPPT efficiency (%)	99.9			
Safety and protection	Over Voltage Protection, Over Current Protection, DC Isolation Impedance Monitoring, Ground Fault Protection, Grid Monitoring, Ground Fault Current Monitoring, DC Injection Monitoring			
Protection class	IP65			
Display				
LCD	LCD 20*4			
Communication interfaces	Ethernet/Dry contact/Wifi (optional)/RF control/RS485/USB			
LED light	3			
Buzzer	1 (EPS & earth fault)			
EPS with internal charger				
EPS rated power [VA]	5000	6000	8000	10000
EPS rated voltage, frequency	400/380VAC, 50/60HZ			
EPS rated current [A]	7.6	9	12.2	15
Unbalanced phases	Supported			
Total harmonic distortion	<2%			
Switch time	<5s			
Battery Charger (Internal)				
Battery type	Lead-acid battery/lithium battery			
Battery voltage range [V]	200~500			
Max. charging/discharging current [A]	25A			
Peak charging/discharging	60A (60S)			
Charging curve	3 stage adaptive lead acid/2 stage for lithium			
Communication interfaces	Can/temp(BMS)/RS485			
Generator (bypass)				
Rated input power [VA]	5000	6000	8000	10000
Max input power [VA]	10000,60s	12000, 60S	16000,60S	20000,60S
Rated input voltage	400V/230VAC; 380V/220VAC; 50/60HZ; 47~53/57~63			