



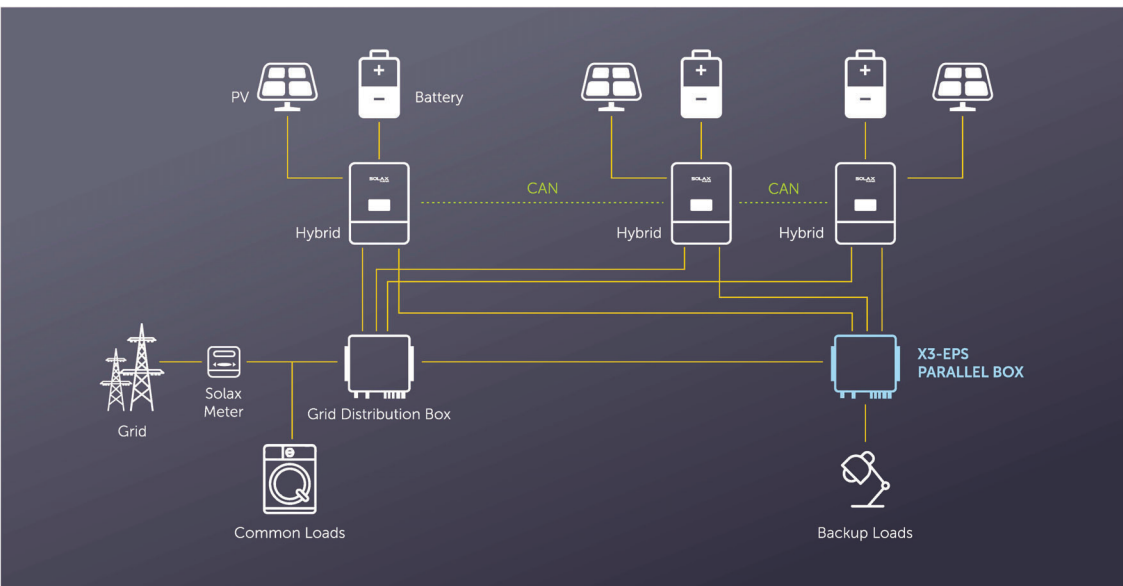
X3-EPSS PARALLEL BOX

SOLAX X3-Hybrid series inverter provides the parallel connection which could make five inverters maximumly connected in one system to deliver larger output power. In order to delivering power to some important large loads steadily both in on-grid or off-grid status, the hybrid system should connect a large changeover device to achieve parallel functions in any conditions.

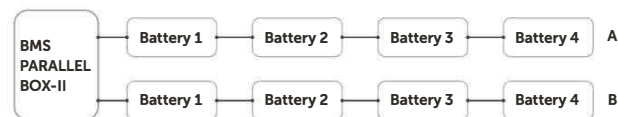
X3-EPSS PARALLEL BOX-P5-I

X3-EPSS PARALLEL BOX-P5-E

Rated AC voltage [V]	230/400; 220/380
Rated AC frequency [Hz]	50/60
Max. AC input current [A]	80
Max. number of inverter connected	5
Max. input EPS power [VA]	50k
Rated EPS input voltage [V]	230/400; 220/380
Rated EPS input current [A] (@230AC)	5 strings, 14.5 for each string
Rated load output current [A] (@230AC),(Grid Mode)	72.5
Max. load output current [A] (Grid Mode)	80
Rated load output current [A] (@230AC),(EPS Mode)	72.5
Rated grid voltage [V]	230/400; 220/380
Rated grid frequency [Hz]	50/60
Operating temperature range [°C]	-5~40
Degree of protection	IP65



BMS-PARALLEL BOX-II



Features

- Increase the capacity of ESS
- Dual-module in case
- Prolong the batteries life due to the alternate use of dual-module
- Extend the working hours of ESS
- Convenient for capacity expansion

ENVIRONMENT REQUIREMENT

Operating charge/discharge temperature range [°C]	0 ~ 55
Full-load charge/discharge temperature range [°C]	5 ~ 48
Storage temperature [°C]	-20 ~ +55 (3 months) 0 ~ 40 (1 year)
Humidity [%]	0 ~ 100 (condensing)
Altitude [m]	≤ 2000
Protection	IP55

COMMUNICATION

System to inverter	CAN2.0/RS485
Battery to battery/BMS	RS485
Master control LED indicator working mode	3LED
Master control capacity indicator	2*4LED (25%, 50%, 75%, 100%)
Battery module LED	2 LED
Switch on/off	Button*1+breaker*1

CERTIFICATION

Safety	IEC 62477-1, IEC 61439-1, IEC 61439-2
EMC	IEC 61000-6-1/2/3/4
Transportation regulation compliance	UN38.3

GENERAL

Dimensions(LxWxH) [mm]	368*310*140
Weight [kg]	5.2
Expected life [years]	5

NOMINAL CHARACTER (Battery Pack)

	T-BAT S 5.8	T-BAT S 11.5	T-BAT S 17.3	T-BAT S 23.0	T-BAT P 5.8	T-BAT P 11.5	T-BAT P 17.3	T-BAT P 23.0
Nominal voltage [V]	115.2	230.4	345.6	460.8	115.2	230.4	345.6	460.8
Operating voltage [V]	100-131	200-262	300-393	400-524	100-131	200-262	300-393	400-524
Total energy [kWh]	5.8	11.5	17.3	23	11.5	23	34.6	46.1
Standard power [kW]	2.9	5.8	8.7	11.6	2.9	5.8	8.7	11.6
Max. power [kW]	3.5	7	10.5	14	3.5	7	10.5	14
Pollution degree	PD3							
Overvoltage category(OVC)	II							
Protective class	I							
Recommend charge/discharge current [A]	25							
Max. charge/discharge current [A]	35							
Cycle life [90% DOD]	6000 Cycles							

Note: BMS/Master Battery is no longer necessary

X1-Hybrid can be connected to 6 batteries at most. X3-Hybrid can be connected to 8 batteries at most.