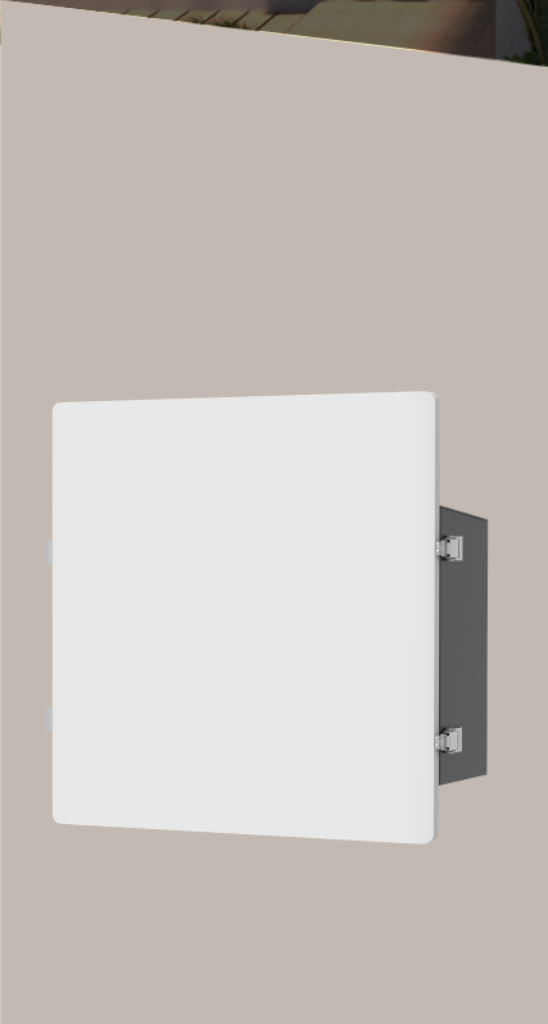


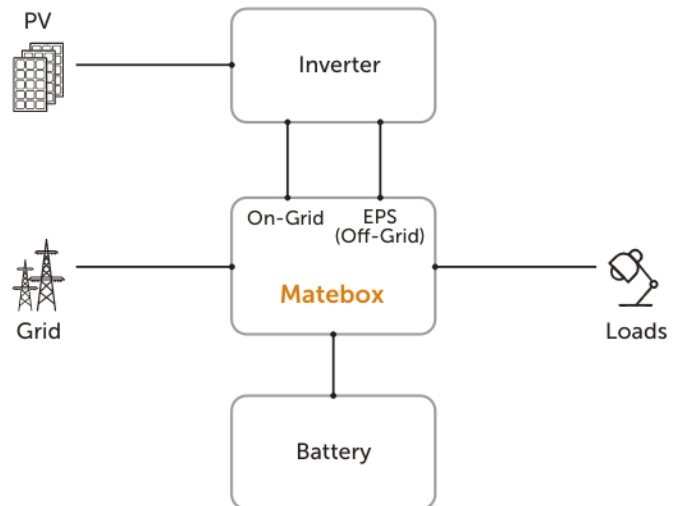
NEW FROM SOLAX  
**MATEBOX V1.4**



# MATEBOX V1.4



## Compatible With -d Inverter



For the new X-ESS G4, we get rid of the complicated wiring work by laying all the wires in the Matebox. All you need to do is just to install one module on the top of another, and connect all the cables which are already well-sorted in the Matebox in different ports.

info@solaxpower.com  
service@solaxpower.com



### Contact Us More Information

www.solaxpower.com  
AU: +61 1300 476529  
DE: +49 6142 4091664

Global: +86 571-56260008  
UK: +44 2476 586998  
NL: +31 (0) 852 737932



# X1-MATEBOX



## X1-MATEBOX BASIC

<b>BATTERY</b>	
Battery voltage range [V]	80 ~ 480
Max. charge/discharge current [A]	30
<b>ON-GRID(Inverter)</b>	
Rated voltage [Vac], frequency [Hz]	220 / 230 / 240, 50 / 60
Max. on-grid current [A]	32.6
<b>OFF-GRID(Inverter)</b>	
Rated voltage [Vac], frequency [Hz]	230, 50 / 60
Rated current [A]	32.6
<b>GRID(Utility)</b>	
Rated grid voltage [Vac], frequency [Hz]	220 / 230 / 240, 50 / 60
Max. input current [A]	40
<b>LOAD</b>	
Rated voltage [Vac], frequency [Hz]	220 / 230 / 240, 50 / 60
Max. current [A]	32.6
<b>ENVIRONMENT LIMIT</b>	
Degree of protection	IP54
Protection class	Class I
Operating temperature range [°C]	-25 ~ +60°C (Derating above +45°C)
Storage temperature [°C]	-40 ~ +70°C
Relative humidity [%]	0 ~ 100 (condensing)
Altitude[m]	< 3000
Overvoltage category	III(AC), II(DC)
<b>OTHER</b>	
Cooling concept	Nature cooling
<b>DIMENSION AND WEIGHT</b>	
Dimensions [mm]	509 × 437 × 185
Net weight [kg]	9.5

## X1-MATEBOX ADVANCED

<b>BATTERY</b>	
Battery voltage range [V]	80 ~ 480
Max. charge/discharge current [A]	30
<b>ON-GRID(Inverter)</b>	
Rated voltage [Vac], frequency [Hz]	220 / 230 / 240, 50 / 60
Max. on-grid current [A]	32.6
<b>OFF-GRID(Inverter)</b>	
Rated voltage [Vac], frequency [Hz]	230, 50 / 60
Rated current [A]	32.6
<b>GRID(Utility)</b>	
Rated grid voltage [Vac], frequency [Hz]	220 / 230 / 240, 50 / 60
Max. input current [A]	60
<b>LOAD</b>	
Rated voltage [Vac], frequency [Hz]	220 / 230 / 240, 50 / 60
Max. current [A]	60
<b>ENVIRONMENT LIMIT</b>	
Degree of protection	IP54
Protection class	Class I
Operating temperature range [°C]	-25 ~ +60°C (Derating above +45°C)
Storage temperature [°C]	-40 ~ +70°C
Relative humidity [%]	0 ~ 100 (condensing)
Altitude[m]	< 3000
Overvoltage category	III(AC), II(DC)
<b>OTHER</b>	
Cooling concept	Nature cooling
<b>DIMENSION AND WEIGHT</b>	
Dimensions [mm]	509 × 437 × 185
Net weight [kg]	9.5





# X3-MATEBOX



## X3-MATEBOX BASIC

<b>BATTERY</b>	
Battery voltage range [V]	180 ~ 650
Max.charge / discharge current [A]	30
<b>ON-GRID(Inverter)</b>	
Rated voltage [Vac], frequency [Hz]	380 / 400 / 415, 50 / 60
Max. Grid (INV) input / output current [A]	24.1 / 32
<b>OFF-GRID(Inverter)</b>	
Rated voltage [Vac], frequency [Hz]	380 / 400 / 415, 50 / 60
Max. current [A]	24.1
<b>GRID(Utility)</b>	
Rated grid voltage [Vac], frequency [Hz]	380 / 400 / 415, 50 / 60
Max. input / output current [A]	32 / 32
<b>LOAD</b>	
Rated voltage [Vac], frequency [Hz]	380 / 400 / 415, 50 / 60
Max. current [A]	24.1
<b>ENVIRONMENT LIMIT</b>	
Degree of protection	IP54
Protection class	Class I
Operating temperature range [°C]	-25 ~ +60°C (Derating above +45°C)
Storage temperature [°C]	-40 ~ +70°C
Relative humidity [%]	0 ~ 100
Altitude [m]	< 3000
Overvoltage category	III(AC), II(DC)
<b>OTHER</b>	
Cooling concept	Nature cooling
<b>DIMENSION AND WEIGHT</b>	
Dimensions [mm]	533 x 397 x 204
Net weight [kg]	7

## X3-MATEBOX ADVANCED

<b>BATTERY</b>	
Battery voltage range [V]	180~650
Max.charge / discharge current [A]	30
<b>ON-GRID(Inverter)</b>	
Rated voltage [Vac], frequency [Hz]	380 / 400 / 415, 50 / 60
Max. Grid (INV) input / output current [A]	24.1/24.1
<b>OFF-GRID(Inverter)</b>	
Rated voltage [Vac], frequency [Hz]	380 / 400 / 415, 50 / 60
Max. current [A]	24.1
<b>GRID(Utility)</b>	
Rated grid voltage [Vac], frequency [Hz]	380 / 400 / 415, 50 / 60
Max. input / output current [A]	63/63
<b>LOAD</b>	
Rated voltage [Vac], frequency [Hz]	380 / 400 / 415, 50 / 60
Max. current [A]	63
<b>ENVIRONMENT LIMIT</b>	
Degree of protection	IP54
Protection class	Class I
Operating temperature range [°C]	-25 ~ +60°C (Derating above +45°C)
Storage temperature [°C]	-40 ~ +70°C
Relative humidity [%]	0 ~ 100
Altitude [m]	< 3000
Overvoltage category	III(AC), II(DC)
<b>OTHER</b>	
Cooling concept	Nature cooling
<b>DIMENSION AND WEIGHT</b>	
Dimensions [mm]	551 x 512 x 204
Net weight [kg]	13.5

