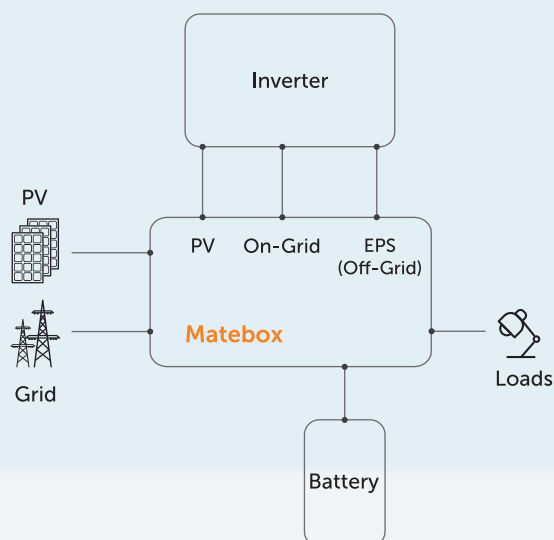


Accessories



MATEBOX

In the X-ESS G4 system, we have eliminated the complicated wiring work by pre-routing all the cables inside the Matebox. The installation process is straightforward and only involves two steps: firstly, stack one module on top of another in a vertical arrangement; secondly, connect the cables that have already been neatly organized within the Matebox to their corresponding ports.

X1-MATEBOX



X1-MATEBOX

PV	
Max. input voltage	600 Vdc
Max. short circuit current (A / B)	20 / 20 A
BATTERY	
Battery voltage range	80 ~ 480 V
Max. charge / discharge current	30 A
ON-GRID (INVERTER)	
Rated voltage, frequency	220 / 230 / 240 Vac, 50 / 60 Hz
Max. on-grid current	32.6 A
OFF-GRID (INVERTER)	
Rated voltage, frequency	230 Vac, 50 / 60 Hz
Rated current	32.6 A
GRID (UTILITY)	
Rated grid voltage, frequency	220 / 230 / 240 Vac, 50 / 60 Hz
Max. input current	60 A
LOAD	
Rated voltage, frequency	220 / 230 / 240 Vac, 50 / 60 Hz
Max. current	60 A
ENVIRONMENT LIMIT	
Ingress protection	IP54
Protection class	Class I
Operation temperature range	-35 ~ 60°C
Storage temperature	-40 ~ 70°C
Relative humidity	0 ~ 100% (condensing)
Max. operation altitude	< 3000 m
Overvoltage category	III (AC), II (DC)
OTHER	
Cooling concept	Nature cooling
DIMENSION AND WEIGHT	
Dimensions (W × H × D)	482 × 437 × 185 mm
Net weight	10.5 kg

X3-MATEBOX BASIC



X3-MATEBOX BASIC

PV	
Max. input voltage	1000 Vdc
Max. short circuit current (A / B)	30 / 20 A
BATTERY	
Battery voltage range	180 ~ 500 V
Max. charge / discharge current	30 A
ON-GRID (INVERTER)	
Rated voltage, frequency	380 / 400 / 415 Vac, 50 / 60 Hz
Max. Grid (INV) input / output current	32 / 32 A
OFF-GRID (INVERTER)	
Rated voltage, frequency	380 / 400 / 415 Vac, 50 / 60 Hz
Max. current	24.1 A
GRID (UTILITY)	
Rated grid voltage, frequency	380 / 400 / 415 Vac, 50 / 60 Hz
Max. input / output current	32 / 32 A
LOAD	
Rated voltage, frequency	380 / 400 / 415 Vac, 50 / 60 Hz
Max. current	24.1 A
ENVIRONMENT LIMIT	
Ingress protection	IP54
Protection class	Class I
Operation temperature range	-35 ~ 60°C
Storage temperature	-40 ~ 70°C
Relative humidity	0 ~ 100%
Max. operation altitude	< 3000 m
Overvoltage category	III(AC), II(DC)
OTHER	
Cooling concept	Nature cooling
DIMENSION AND WEIGHT	
Dimensions (W × H × D)	533 × 397 × 204 mm
Net weight	7.5 kg

X3-MATEBOX ADVANCED

X3-MATEBOX ADVANCED



PV	
Max. input voltage	1000 Vdc
Max. short circuit current (A / B)	30 / 20 A
BATTERY	
Battery voltage range	180 ~ 500 V
Max. charge / discharge current	30 A
ON-GRID (INVERTER)	
Rated voltage, frequency	380 / 400 / 415 Vac, 50 / 60 Hz
Max. Grid (INV) input/output current	24.1 / 24.1 A
OFF-GRID (INVERTER)	
Rated voltage, frequency	380 / 400 / 415 Vac, 50 / 60 Hz
Max. current	24.1 A
GRID (UTILITY)	
Rated grid voltage, frequency	380 / 400 / 415 Vac, 50 / 60 Hz
Max. input / output current	63 / 24.1 A
LOAD	
Rated voltage, frequency	380 / 400 / 415 Vac, 50 / 60 Hz
Max. current	63 A
ENVIRONMENT LIMIT	
Ingress protection	IP54
Protection class	Class I
Operation temperature range	-35 ~ 60°C
Storage temperature	-40 ~ 70°C
Relative humidity	0 ~ 100%
Max. operation altitude	< 3000 m
Overvoltage category	III (AC), II (DC)
OTHER	
Cooling concept	Nature cooling
DIMENSION AND WEIGHT	
Dimensions (W × H × D)	551 × 512 × 204 mm
Net weight	14.5 kg