

EP-X2 - SERIES



Features



High-Efficiency Power Generation

- High-Efficiency Power Generation
- Dual MPPT
- Dual MPPT 36A+36A
- Max. input power: 12600W+12600W



Intelligent Operation and Maintenance

- Intelligent Dual AC output
- Programmable intelligent load
- Support remote OTA



Safe and Reliable

- IP54 design
- 3-year Warranty



User-friendly

- 4.3-inch Colorful Touch Screen
- Intelligent Cloud Control
- Intelligent Cooling Mode
- Maximum 6 units in parallel

Items		EP-15KVM-X2
PV (DC Input)	Recommended max. PV input power	25200W/(12600W+12600W)
	Max. input voltage(Voc)	500Vdc
	MPPT operating voltage range	85-450Vdc
	Number of MPPT	2
	No. of Strings per MPPT Tracker	2
	Max. input current of MPPT	36A+36A
	Max. short-circuit current per MPPT	54A+54A
Grid (AC Input)	Max input power	27600W
	Max input current	120A
	Rated grid voltage	230Vac
	Rated grid frequency	50/60Hz
	Acceptable range	170-280Vac (for UPS);90-280Vac (APL)
Battery Parameters (Bidirection)	Battery type	Lead-acid or Lithium-ion
	Battery voltage range	40-60Vdc
	Rated Battery Voltage	48 Vdc
	Max. charge/discharge current	280A/280A
	BMS communication mode	RS485, CAN
Back-up Output (AC output)	Rated output power	15000W / 15000VA (Twin output)
	Rated output current	65.2A
	Rated output voltage : Frequency	220/230/240V (L,N,PE) 50Hz / 60Hz
	Parallel capacity	Up to 12 unit (60kW single or 180kW three phase)
	Surge power	2 times of rated power, 5s
	THDv (@ linear load)	< 3%
	Switching time	10ms(typical) UPS mode 20ms(typical) APL mode
Efficiency	Peak efficiency	97.6%
	Max. MPPT efficiency	>99%
Protection	Inner protection	AC Output Overvoltage Protection, AC Output Short Circuit Protection, AC Output Overcurrent Protection, DC Component Monitoring
	Surge protection	TYPE II (DC), TYPE III(AC)
	IP rating	IP54
General Parameters	Operating temperature range	-10 to +60°C
	Relative humidity range	5%~95%
	Max. operating altitude	>2000m derating
	Standby self-consumption	<20W
	Installation type	Wall-mounted
	Cooling mode	Intelligent Air Cooling
	Communication	RS485;CAN; WI-FI;Dry Port
Mechanical Specifications	Display	4.3-Inch Colorful Touch Screen LCD
	Inverter dimensions (L*W*H)	639*524*129MM
	Net weight	33kg
	Carton dimensions (L*W*H)	778*629*213MM
	Gross weight	36kg
	Warranty Period	3 years



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