

XT-SERIES

PASS-THROUGH
CURRENT 200A

ON/OFF GRID HYBRID INVERTER

12 –16 kW

COMMUNICATION
Wi-Fi / Lan dongle
WeCo – CAN

PROTECTION
IP66 Rated
Suitable for Outdoor Use

GENERATOR
Generator Input
At Full Power

WARRANTY
Offers a full warranty
extendable up to 10 years

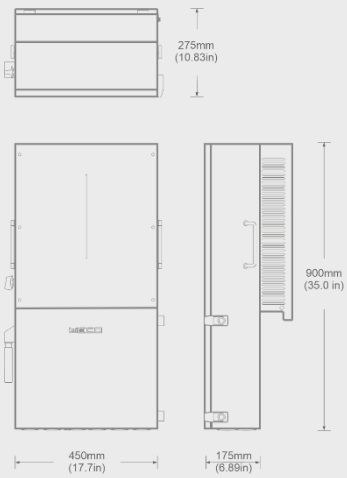
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XT- SERIES

NORTH AMERICA

	Specifications	XT-12K	XT-16K
SOLAR	Nominal PV Power (kW)	12	16
	Max. PV Power Design (kW)	18	24
	Max. PV DC Voltage (Voc)	500	
	MPPT Vcc Voltage range(Vcc)	120 – 430Vcc	
	Max. Operative Current Imp MPPT (A)	16	20
	Max. Input Current Isc MPPT (A)	22	25
	MPPT Tracker / Strings	4	
	Channels Per MPPT	1	
AC OUTPUT	Rated Output Power (kW)	12	16
	Max. AC Output Power (kW)	13.6	19
	Max. Output Current (A)	55	73.3
	AC Output Voltage (V)	(110~120) / (220~240)split phase, 240V single phase	
	Rated Frequency (Hz)	50 / 60	
	Frequency Range	50 ± 5 Hz / 60 ± 5 Hz	
	THDI	< 3 %	
BATTERY	Battery Voltage Range (V)	40 ~ 58.4	
	Max. Charging Voltage (V)	58.4	
	Max. Charge / Discharge Current (A)	260	280
	Battery Type	Li-Ion	
	Communication Interface	WeCo CAN	
EPS OUTPUT	Rated Power (kVA)	12	13
	Rated Output Voltage (V)	(110~120) / (220~240)split phase, 240V single phase	
	Rated Output Current (A)	50	66.7
	Rated Frequency (Hz)	50 / 60	
	Automatic Switching Time (ms)	< 10	
	THDI	< 3 %	
GENERAL DATA	Overload Capacity	125 %, 60s / 150 %, 1s	
	North American Efficiency	≥ 97.2 %	
	Ingress Protection	IP65 / NEMA 3R	
	Noise Emission (dB)	< 38	
	Operating Temperature (°C)	- 25 °C ~ 60 °C	
	Cooling	Natural	
	Relative Humidity	0 ~ 95 % (non-condensing)	
	Altitude	2,000m (above 2000m derating)	
	Dimensions (W × D × H) (mm)	430 × 225 × 710	
	Weight (Kg)	41	
	Isolation Transformer	No	
	Self - Consumption (W)	< 3	
DISPLAY	Logic Multicolor LED Bar	LED BAR	
	Comm 1	WeCo WiFi Antenna	
	Comm	CAN	
SAFETY STANDARD	North American Standard	IEEE 1547, IEEE 2030.5, HECO Rule 14H, CA Rule 21 Phase I,II,III,CEC, CSIP,SRD2.0,SGIP,OGPe,NOM,California Prob65	
	EMC	FCC Part15, Class B	
	Standards	CPUC Rule21, SRD V2.0, UL1741 SA, UL1741 SB	
PROTECTIONS	DC Arc-fault	UL1699B	

Arc fault protection, Island protection, Insulation resistor detection, Residual current monitoring ,Output over current protection, Back-up output short protection, Output over voltage protection, Grounding detection, Output under voltage protection



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WeCo Smart Platform

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