



PASSTROUGHT
CURRENT 200A

XT-SERIES

HYBRID INVERTER

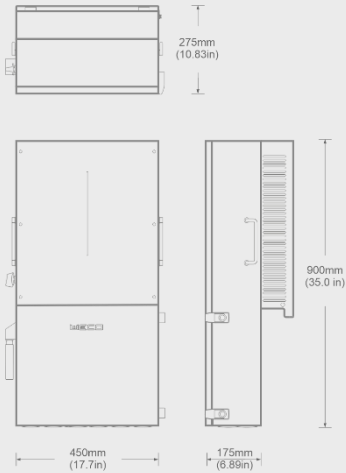
ON/OFF GRID HYBRID INVERTER
12 – 14 – 16 kW

XT- SERIES

NORTH AMERICA

Specifications

Specifications		XT-12K	XT-14K	XT-16K
SOLAR	Nominal PV Power (kW)	12	14	16
	Max. PV Power Design (kW)	22	22	24
	Max. PV DC Voltage (Voc)	500		
	MPPT Vcc Voltage range(Vcc)	100 – 430Vcc		
	Max. Input Current of Single MPPT (A)	16.5		23
	MPPT Tracker / Strings	4		
	Channels Per MPPT	1		
AC OUTPUT	Rated Output Power (kW)	12	14	16
	Max. AC Output Power (kW)	13.6	16	19
	Max. Output Current (A)	55	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	260	280
	Battery Type	Li-Ion		
	Communication Interface	WeCo-CAN		
	Rated Power (kVa)	12	14	10
	Rated Output Voltage (V)	(110~120) / (220~240)split phase, 240V single phase		
EPS OUTPUT	Rated Output Current (A)	25	33,3	41,6
	Rated Frequency (Hz)	50 / 60		
	Automatic Switching Time (mS)	< 10		
	THDI	< 3 %		
	Overload Capacity	125 %, 60s / 150 %, 1s		
	North American Efficiency	≥ 97.2 %		
	Ingress Protection	IP65 / NEMA 3R		
GENERAL DATA	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		
DISPLAY	Isolation Transformer	No		
	Self - Consumption (W)	< 3		
	Logic Multicolor LED Bar	LED BAR		
	Comm 1	WeCo WiFi Antenna		
	Comm	CAN		
	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		
SAFETY STANDARD	EMC	FCC Part15, Class B		
	Standards	CPUC Rule21, SRD V2.0, UL1741 SA, UL1741 SB		
	DC Arc-fault	UL1699B		
PROTECTIONS	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			



WeCo Srl a Socio Unico
Viale J. F. Kennedy 113-121
50038 Scarperia e San Piero
Firenze, Italy

weco@wecobatteries.com
www.wecobatteries.com

