



XT SERIE SINGLE PHASE HYBRID INVERTER

6-8- 10 kW

- Up to 10 In Parallel
- EPS Full Power
- Generator and Grid at same Time
- Grid Bypass Function
- IP 65 Protection

General data	
Max. efficiency ≥98.2%	≥98.2%
North american efficiency	≥97.2%
Ingress protection	IP65/NEMA 3R
Noise emission(dB)	<29
Operation temperature	-25°C- 60°C
Cooling	Natural
Relative humidity	0 -95% (non-condensing)
Altitude	2,000m(>2,000 Derating)
Dimensions W *D *H (mm)	430*220*710
Weight(kg)	41
Isolation transformer	No
Self-consumption(W)	<3

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Nominal Input (PV)	6	8	10
Max. power(kW)	9	12	13
Max. PV DC voltage (V)	500 (520)		
MPPT voltage range(V)	110-500		
Max.Input current of single MPPT(A)	15		
MPPT tracker/strings	4		
Channles per MPPT	1		

AC output

Rated output power kW	6	8	10
Max. output current(A)	28	38.4	48
Ac output voltage(V)	120/240 (split phase), 208(2/3 phase),230 (single phase)		
Frequency (Hz)	50-60		
Topology	Split Phase		

Battery

Battery voltage range(V)	38 -58.4		
Max. charging voltage(V)	58.4		
Max. charge/discharge current(A)	135/135	190/190	210/210
Battery type	Li-Ion		
Communication interface	WeCo-CAN		

EPS output

Rated power(kVA)	6	8	10
Rated output voltage(V)	120/240 (split phase), 208 (2/3 phase),230 (single phase)		
Rated output current(A)	28.8	38.3	47.8
Rated frequency(Hz)	50/60		
Automatic switching time(ms)	< 20		
THDI	< 3%		
Overload capacity	125%,60S/150%,1S		