



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



XT-SERIES North America

Solar			
Nominal Input (PV)	6	8	10
Max. power(kW)	9	12	13
Max. PV DC voltage (V)	500		
MPPT voltage range(V)	110-500		
Max.Input current of single MPPT(A)	12		
MPPT tracker/strings	4		
Channles per MPPT	1		
AC output			
Rated output power kW	6	8	10
Max. output current(A)		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)	40 -58.4		
Max. charging voltage(V)	58.4		
Max. charge/discharge current(A)	135/135	190/190	210/210
Battery type	lithium /Lead-acid		
Communication interface	CAN/RS485		
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	< 2%		
Overload capacity	125%,60S/150%,1S		
General data			
Max. efficiency	≥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		
Display			
Logic Multicolor LED bar	LED BAR		
COMM 1	RS485 WIFI		
COMM 2	CAN		
Safety standard			
	EMC		
North America Markets	UL1741SA all options, UL1699B, CSA 22.2		
	FCC Part 15, Class B		
	IEEE 1547, IEEE 2030.5, Hawaii Rule 14H, Rule 21 Phase I,II,III,NRS		