WECOESS

XT – SERIE 110Vac

ON/ OFF GRID HYBRID INVERTER

6 - 8 – 10 –(12*) kW

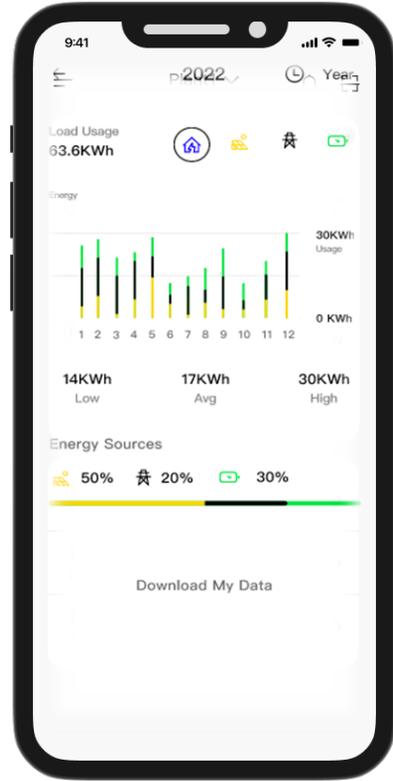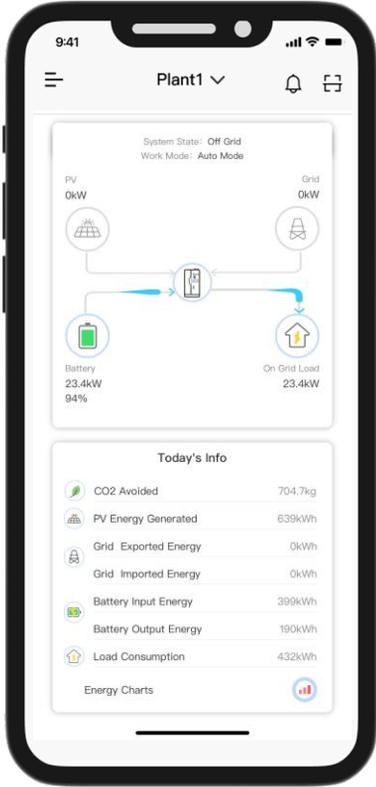| Up to 10 In Parallel | EPS Full Power | Generator and Grid at same Time | Two Independent EPS Outputs | Grid Bypass Function | IP 65 Protection |

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Solar				
Nominal Input (PV)	6	8	10	12*
Max. Power[kW]	9	12	13	16
Max. PV DC Voltage [V]	500 (530)			
MPPT Voltage Range [V]	110-500			
Max. Input Current of Single MPPT [A]	15 (16)			
MPPT Tracker/Strings	4			
Channles per MPPT	1			
AC output				
Rated Output Power [kW]	6	8	10	12*
Max. Output Current [A]	28	38.4	48	56
Ac Output Voltage [V]	120/240 (split phase), 208(2/3 phase)			
Frequency [Hz]	60Hz			
THDI	<3%			
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	235/235
Battery Type	Li-Ion			
Communication Interface	CAN			
EPS output				
Rated power [kVA]	6	8	10	12*
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	56.0
Rated frequency [Hz]	50/60			
Automatic switching time [ms]	< 20			
THDI	< 2%			
Overload capacity	125%,60s / 150%,15s			
General data				
Max. Efficiency	≥98.2%			
North American Efficiency	≥97.2%			
Ingress Protection	IP65/NEMA 3R			
Noise Emission [dB]	<30			
Operating Temperature [°C]	-25℃ ~ 60℃			
Cooling	Fan Cooled			
Relative Humidity	0~95% (non-condensing)			
Altitude	2,000m (>2,000 Derating)			
Dimensions W *D *H [mm]	427*222*712			
Weight [kg]	41.5			
Isolation Transformer	No			
Self-consumption [W]	<5W			
Display				
Logic Multicolor LED bar	LED BAR			
COMM 1	RS485 WiFi			
COMM 2	CAN			
Safety standard				
	EMC			
North America Markets Standard	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			

Available only Grey RAL 7015

*Only available in selected markets

INTELLIGENT CONTROL PLATFORM