XTS SERIES

MODEL YEAR 2026

LATIN AMERICA VERSION

SPLIT PHASE INVERTER

UP to 200%
PV Over Design



Clean.
Compact.
Intelligent.

Next-level power for modern energy systems.
The new XTS Series takes split-phase performance to the next level, designed for 120/240 V applications with higher power, greater flexibility, and advanced energy management. From 8 to 12 kW, it delivers maximum control, seamless backup, and reliable performance in any scenario.

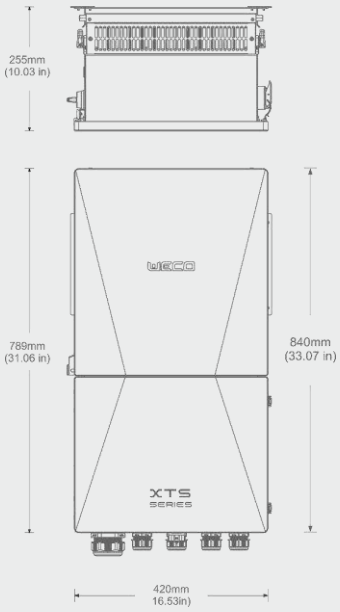
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XTS SERIES

SPLIT PHASE INVERTER

	Specifications	Unit	XTS-8K	XTS-10K	XTS-12K
Efficiency	Max. Efficiency (PV → AC)	.	98.0		
	Max. Efficiency (BAT → AC)	%	94.5		
	CEC Efficiency	%	96.5		
	Max. PV Usable Power	W	200%	150%	150%
	Max. PV Voltage	Vdc	600		
	Start-up Voltage	Vdc	90		
	MPPT Operating Voltage Range	Vdc	70–540		
Input (PV)	Max. Input Current per MPPT	A	30/22/22		
	Max. Short-Circuit Current per MPPT	A	40/30/30		
	Strings per MPPT	-	2/2/2		
	No. of MPPTs	-	3		
	Battery Type	-	Lithium-ion/Lead-acid		
	Nominal Battery Voltage	V	51.2		
	Battery Voltage Range	V	40–60		
Input/Output (BAT)	Max. Charge/Discharge Current	A	210A/180A	210A/210A	210A/210A
	Max. Charge/Discharge Power	W	10.000/8.000	10.000/10.000	10.000/10.000
	Nominal AC Output Power	W	8.000	10.000	12.000
	Max. AC Output Apparent Power	VA	8.800	11.000	12.000
Output (Grid)	Max. AC Output Power (PF=1)	W	8.800	11.000	12.000
	Nominal AC Output Current	A	33.3	41.7	50
	Max. AC Output Current	A	36.6	45.8	50
	Nominal Grid Voltage	V	120/240 (split) | 120/208, 127/220 (2/3 phase)		
	Nominal Grid Frequency	Hz	50/60		
	Grid Frequency Range	Hz	45–55 / 55–65 (Adjustable)		
	Power Factor (Adjustable)	-	>0.99 @ rated (0.8 leading to 0.8 lagging)		
	THDi	%	<3 @ rated power		
Output (Back-up)	Nominal Output Power	W	8.000	10.000	12.000
	Max. AC Output Power (PF=1)	W	8.800	11.000	12.000
	Nominal Output Current	A	33.3	41.7	50
	Peak Output Apparent Power (1s)	VA	150%		
	Nominal Output Voltage	V	120/240 (split)		
	Nominal Output Frequency	Hz	50/60		
	Transfer Time	ms	<10 (average)		
	THDv	%	<3 @ 100% R load		



DC Battery Charger
10kW on all range of power



We recommend contacting WeCo for the most up-to-date datasheet, read warranty and manual before making any purchasing decisions.
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XTS

SPLIT PHASE INVERTER

	Specifications	Unit	XTS-8K	XTS-10K	XTS-12K
Protection	Protection Category	-	Class I		
	DC Switch	-	Yes		
	Anti-islanding Protection	-	Yes		
	AC Overcurrent Protection	-	Yes		
	DC/AC Overvoltage Protection	-	DC Type II / AC Type IV		
	AC Short-circuit Protection	-	Yes		
	DC Reverse Connection	-	Yes		
	Surge Arrester	-	DC Type II / AC Type II		
	Insulation Resistance Detection	-	Yes		
	Leakage Current Protection	-	Yes		
	Manual Battery DC breaker	A	Yes 300A		
General	Manual AC breaker	A	Yes 70A		
	AFCI 2.0 / RSD Monitoring	-	Optional		
	Max. Operation Altitude	m	4000 (derating >2000m)		
	Ingress Protection Degree	-	IP65(NEMA 3R)		
	Operating Temperature Range	℃	-25 ~ 60 (derating >45)		
	Relative Humidity	%	0–100		
	Locked Rotor Amps (LRA)	A	180		
	Cooling Method	-	Fan Cooling		
	Mounting	-	Wall bracket		
HMI & COM	Dimensions (W×H×D)	mm	450×846×280		
	Weight	kg	44		
CERTIFICATION	Display	-	Wireless & APP + LED		
	Communication Interfaces	-	CAN (BMS), RS485 (meter), CAN (parallel), Wi-Fi/LAN (accessories)		
	Safety	-	CE, IEC61000, IEC62109		
	EMC	-	CE		
	Warranty	years	5 (10 optional)		



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SPLIT PHASE HYBRID INVERTER



NooR APP MAKE YOUR LIFE EASIER

WeCo mobile app offers convenient and out-of-the-box monitoring of WeCo Energy Storage Systems, allowing users to manage everything with just a few taps.

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