

WECO

XTS SERIES

LATIN AMERICA VERSION

**MODEL
YEAR
2026**

SPLIT PHASE INVERTER



Clean.
Compact.
Intelligent.

XTS Series is compact and lightweight, easy to use and install
three phase low voltage battery inverter

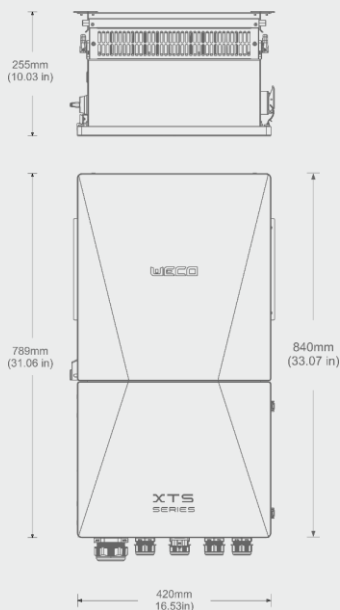
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XTS SERIES

SPLIT PHASE INVERTER

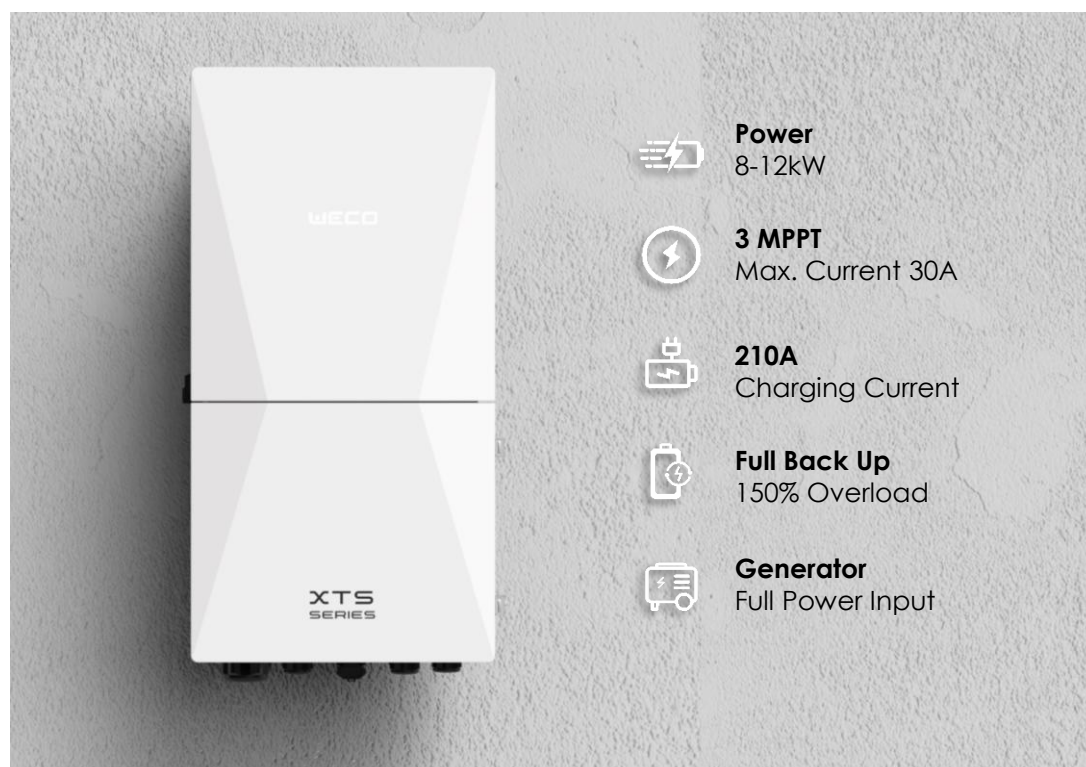
Specifications

	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	15,000	
	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	
Input/Output (BAT)	Battery Voltage Range	V	40–60	
	Max. Charge/Discharge Current	A	210A/180A	210A/210A
	Max. Charge/Discharge Power	W	10.000/8.000	10.000/10.000
	Nominal AC Output Power	W	8.000	10.000
	Max. AC Output Apparent Power	VA	8.800	11.000
	Max. AC Output Power (PF=1)	W	8.800	11.000
	Nominal AC Output Current	A	33.3	41.7
	Max. AC Output Current	A	36.6	45.8
Output (Grid)	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	
	Nominal Output Power	W	8.000	10.000
Output (Back-up)	Max. AC Output Power (PF=1)	W	8.800	11.000
	Nominal Output Current	A	33.3	41.7
	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	



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	
General	Manual Battery DC breaker	A	Yes 300A	
	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	°C	-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)	

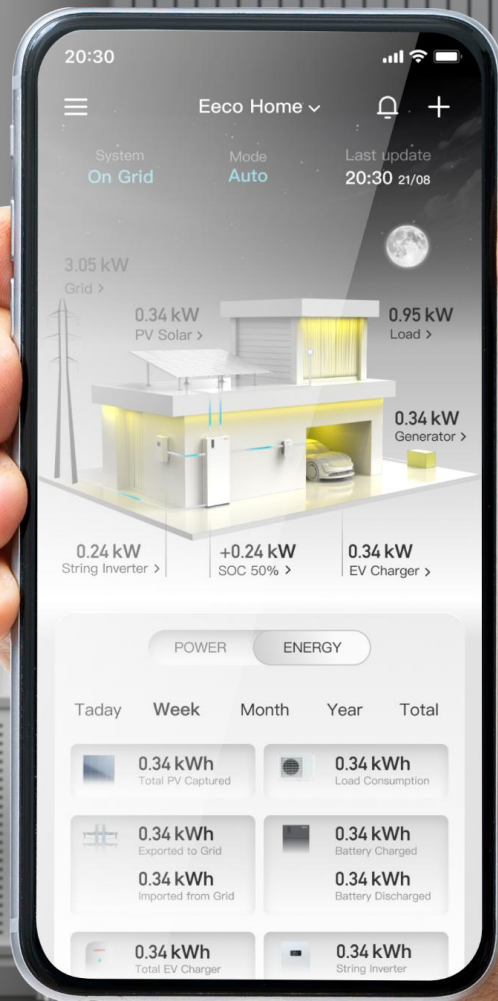


XTS SERIES

THREE 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.



WECO

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