# 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.

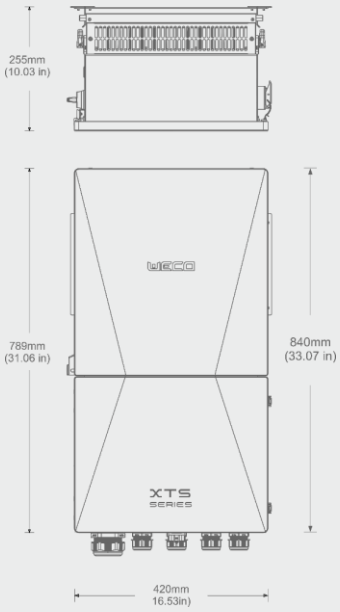
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wecobatteries.com

# 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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# **XTS** SERIES

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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Available on the Google play


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