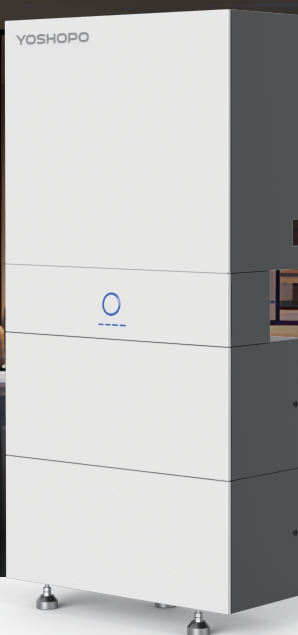


MIX II Pro

HOME ENERGY PROTECTOR

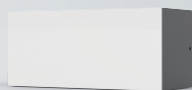


Residential ESS

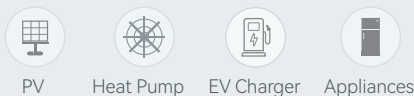


- **11.2kW**
Per Unit Operating Power
- **141Wh/kg**
Ultra-High Energy Density
- **-20°C**
Subzero Operation
- **IP66**
Isolation Protection
- **CATL LFP**

141 Wh/kg
Ultra-High Energy Density
5.06 kWh per Unit



All-Rounder



Aerospace Aluminum

35 kg
per Unit

Isolation Protection

IP66



Smarter **AI** RESS

- 📶 Automatic Low Power Mode Activation During Faults
- 📱 Remote APP Control, Quick Response

Per Unit Operating Power

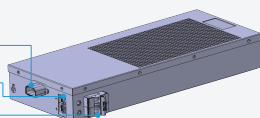
11.2 kW

Efficient Energy Storage and Usage

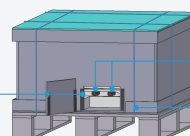
	Capacity (kWh)	Weight (kg)	Dimension (W×D×H, mm)	Energy Density (Wh/kg)	Charging Temperature (°C)	Charge/Discharge Power (kW)	Ingress Protection	MPPT Channels
CNTE	5.06	36	658×275×290	140.5	-20 ~ 50	11.2	IP66	4
OTHER	2.9	42	610×236×303	69	-10 ~ 50	11.4	IP65	2 ~ 3

Patented Design | Non-Dismantle Battery Recharge

- Communication Port
- Circuit Breaker
- Recharge Terminals: +/-



Strong Adhesive Hook-and-Loop



- Recharge Terminals: +/-
- Tray Avoiding Recharge Port

MIX II Pro		
System Model	Mix II Pro-8kW	Mix II Pro-10kW
System Specifications		
Battery Type	LFP	
Battery Module	BB-LFP-45Ah-S	
Inverter Module Model	Y2-H3P8K-H	Y2-H3P10K-H
Cycle Life (@25°C)	≥6000	
Usable capacity	10kWh ~ 25kWh	
Maximum Output Power	8kW	10kW
No. of Battery Modules	2 ~ 5	
Grid-to-Off-Grid Switching Time	< 10ms	
Communication Specification		
Display	SOC Status Indicator, Operational status, APP	
Communication	Ethernet, Wi-Fi, Bluetooth (for connecting to the APP)	
Rated AC Frequency	50/60Hz	
AC Input		
Rated Input Voltage (3/N/PE)	230/400Vac	
Maximum Input Current	18.2A	22.8A
Maximum Bypass Input Power	12kW	15kW
AC Output		
Rated Output Voltage (3/N/PE)	230/400Vac	
Rated Output Current	12.2A	15.2A
PV Input		
MPPT Voltage Range	200 ~ 850Vdc	
Maximun Input Power of PV	12.8kW	16kW
PV String Quantity	4	
Maximum Input Current	16/16/16/16A	
Maximum Input Short Circuit Current	24A	
General Specification		
Dimension (W×D×H)	662×278×1375 mm for 2 battery Modules 662×278×1665 mm for 3 battery Modules 662×278×1955 mm for 4 battery Modules 662×278×2245 mm for 5 battery Modules	
Weight	115kg for 2 battery Modules 150.5kg for 3 battery Modules 186kg for 4 battery Modules 221.5kg for 5 battery Modules	
Installation	Wall-mounted	
Operating Temperature Range	-20°C ~ 45°C	
Operating Altitude	< 2000m	
Relative Humidity Range	5% ~ 95%	
Ingress Protection	IP66	
Standard Compliance		
Safety Certifications	IEC 62109-1, IEC 62109-2, IEC 61000-6-1, IEC 61000-6-3	
Grid Certifications	VDE-AR-N 4105, EN 50549-1, TORErzeugerTypA, OVE-RichtlinieR25	
Battery System Certifications	IEC 62619, UN 38.3, CE-EMC, IEC 60730-1, VDE 2510-50, IEC 62477	