



Inverter Control All-in-one Machine

TEZE-AO-MB-10KW Series

Long life and safety

Vertical industry integration ensures more than 6000 cycles with 80% DOD

Easy to install and use

Integrated inverter design, easy to use and quick to install. small size, minimizing installation time and cost compact and stylish design suitable for your sweet home environment

Multiple working modes

The inverter has a variety of working modes. Whether it is used for main power supply in the area without electricity or backup power supply in the area with unstable power to deal with sudden power failure, the system can respond flexibly.

Fast and flexible charging

A variety of charging methods, which can be charged with photovoltaic or commercial power, or both at the same time.

Scalability

3 units can be paralleled for 3-phase output maximum support for



Parameters

MODEL	TEZE-AO-MB51200-10KW	TEZE-AO-MB51300-10KW	TEZE-AO-MB51400-10KW
BATTERY TECHNICAL SPECIFICATION			
Battery Model	TEZE-MB51300-200A-HWB	TEZE-MB51300-200A-HWB	TW-MB51400-200A-HWB
Number of batteries	1	1	1
Battery Energy	10.24kWh	15.36kWh	20.48kWh
Battery Capacity	200AH	300AH	400AH
Weight	131kg	161.5kg	233kg
Dimension L× D× H(mm)	600 x 660 x 470	700 ×660 ×470	900 ×600×470
Battery Type	LiFePO4		
Battery Rated Voltage	51.2V		
Battery Working Voltage Rang	44.8 ~ 57.6V		
Maximum Charging Current	200A		
Maximum Discharging Current	200A		
DOD	80%		
Designed Life-span	>6000 Cycles @ 0.2C/25°C Charging/Discharging at 80%DOD,Until 80% Capacity.		
INVERTER TECHNICAL SPECIFICATION			
Inverter model	TEZE-ASF48100S200-H		
PV CHARGE			
Solar Charge Type	MPPT		
Maximum Output Power	5500W+5500W		
PV Charging Current Range	22A+22A		
PV Operating Voltage Range	500Vdc+500Vdc		
MPPT Voltage Range	125 ~425Vdc		
AC CHARGE			
AC Charging Current Range	0~120A		
Frequency Range	50/60Hz		
Input Voltage Range	90~270Vac		
Bypass Overload Current	32A		
AC OUTPUT			
Rated Output Power	10000W		
Max.Peak Power	20000W		
Rated Output Voltage	230Vac (single phase L/N/PE)		
Load Capacity of Motors	6HP		
Rated AC Frequency	50/60Hz		
Waveform	Pure Sine Wave		
Switch Time	10ms (typical)		
Parallel capacity	-		
BATTERY INVERTER OUTPUT			
Rated Output Power	10000W		
Maximum Peak Power	20KVA		
Power Factor	1		
Rated Output Voltage (Vac)	230Vac		
Frequency	50Hz ± 0.3Hz/60Hz ± 0.3Hz		
Auto Switch	< 15ms		
THD	< 3%		
GENERAL DATA			
Protection Degree	IP20, indoor only		
Operating Temperature Range	- 15 ~ 55°C , >45°C de rated		
Noise	<60dB		
Cooling Method	Internal Fan		
Warranty	10 Years		
COMMUNICATION			
Embedded Interfaces	RS485 / CAN / USB / Dry contact		
External Modules (Optional)	Wi- Fi / GPRS		
CERTIFICATION	UN38.3,MSDS		