



MTBK 3060 | MTBK 5060

MTBK Series

High Voltage Cabinet Energy Storage System



Easy to install and deploy with large space utilization



Unique modular design & flexible function configuration



With self-use, peak shifting, forced charging & discharging and other working modes



Strong scalability, simple & convenient expansion on both AC and DC sides

MTBK Series

MODULE	MTBK 3060		MTBK 5060	
Battery parameters				
Number of battery packs	12V			
Rated voltage	614.4V			
Voltage range	537.5~691.2V			
Rated energy	60kWh			
Max. charging & discharging current	100A			
Communication	RS485/CAN			
Cycle life	6000times			
PV parameters				
Max.PV input power	39kW		65kW	
Rated input voltage	600VDC			
Max.input voltage	1000VDC			
MPPT voltage range	200~850VDC			
PV input current	36+36+36(A)		36+36+36+36(A)	
AC side parameters				
AC rated input/output power	30kVA		50kVA	
AC Max. input/output power	33kVA		55kVA	
AC rated input/output current	45.6A		75.8A	
AC Max. input/output power	60A		83.3A	
Voltage	3L/N/PE; 230/400V			
Frequency	50/60Hz			
THDi	≤3%			
Power Factor	0.8 leading to 0.8 lagging			
System parameters				
Dimension (W*H*D)	1200×2160×750mm			
Weight	860kg		880kg	
Communication	CAN/RS485/WiFi/ETH			
Warranty	5 years			
Enclosure protection rating	IP55			
Cooling	Air cooling			
Environment temperature	-30~50℃			
Humidity	10%~95%RH			
Altitude	<2000m			
Certifications	UN38.3/CE/IEC62619/VDE-AR-N 4105/IEC 62109			

Expansion



Expansion in DC side



Expansion in AC side

