



InterConti Trading s.r.o.
official distributor of

Potis Edge

Residential Energy Storage System

Mint-JKE10/JKE15/JKE20

(High Voltage)



Flexible expansion

Double-sided handle design for easy installation
Free matching of power



Security operation and maintenance

End-to-end service
PACK level protection inside



Safe and reliable

Self-developed intelligent power management system
TS16949 automotive quality certification



Intelligent power management

Remote control App
Round-the-cloud monitoring

Embrace Intelligent Power Build a Better Tomorrow

Tailored to Residential Energy Needs

Mint smart home energy storage system can ensure the continuity of users' electricity consumption, and when combined with solar power generation, it can also reduce electricity costs. The intelligent and efficient mint energy storage system is widely compatible with industry standard inverters and power management systems.

Specifications

Model	Mint-JKE10	Mint-JKE15	Mint-JKE20
System Parameters			
Battery box quantity	2	3	4
Rated voltage	204.8 V	307.2 V	409.6 V
Rated energy	10.24 kWh	15.36 kWh	20.48 kWh
PV Input			
Max. input power	15000 W		
Max. input voltage	1000 V		
Number of MPPT trackers	3(1/2)		
MPPT operating voltage range	160~950 V		
Max. short-circuit current	30 A/40 A		
On-grid Output			
Rated input voltage	380/400/415 V		
Rated output power	10000 W		
Max. input current	3*25 A		
Max. output current	3*16.7 A/3*16 A (only for British Market)		
Voltage phase	Three-phase		
Voltage frequency	50 Hz/60 Hz		
Backup Output			
Rated output power	10000 W		
Rated output voltage	380/400/415 V		
Rated voltage frequency	50 Hz/60 Hz		
On/Off grid switch	10 ms(typical), 20 ms(max)		
General Data			
Weight	PCS:32 kg Battery:126 kg	PCS:32 kg Battery:180 kg	PCS:32 kg Battery:233 kg
Dimension (W*D*H)	PCS:515*175*487 mm Battery:758*228*942 mm	PCS:515*175*487 mm Battery:758*228*1270 mm	PCS:515*175*487 mm Battery:758*228*1598 mm
Max. efficiency	98.4%(PV to Grid); 98%(PV to Battery)		
Fire protection	PACK level fire protection		
IP level	IP65		
Max. operating altitude	<2000 m		
Operating temperature range	-20°C~55°C		
Storage temperature	-20°C~55°C		
Relative operating humidity	5%~95%, RH		
Installation method	PCS: On the wall; Battery: On the ground		
Certifications	IEC/EN62619, IEC/EN62040, IEC/EN62477, IEC/EN61000, UN38.3, UN3480, IEC62109, EN50549		