



UL TUV SAAR CE MSDS UN38.3

MTSK-HV-2500

HIGH VOLTAGE STACKABLE ENERGY STORAGE BATTERY

< Support capacity selection 7.5kWh / 10kWh / 12.5kWh / 15kWh / 17.5kWh / 20kWh >



EXPANSION FLEXIBILITY

2.5kWh modular design ,Scalable from 7.5kWh to 20kWh Mixed packs of new and old batches.



SAFE & RELIABLE

Lithium iron phosphate(LFP) cell.BMS built in &Passive protection by fuse and aerosol.



PERFECT COMPATIBILITY

Compatible to residential three phase inverters



EASY INSTALLATION

25kg battery module,one-person installation.No cable connection, plug and play.



ENVIRONMENT ADAPTABILITY

Wide range of temperature: -10C-55° CIP 65 Design



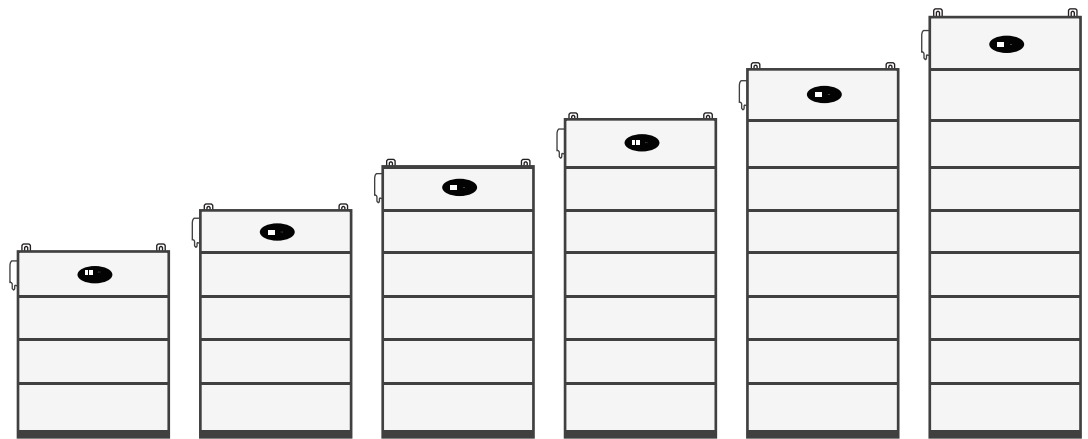
MORE USABLE ENERGY

90% depth of discharge, pack level energy optimization.

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Capacity	52Ah
Battery Type	LiFePO4
Max.Charge Current(A)	35A
Istallation	Floor Installation
Max. Discharge Current(A)	35A
Recyclable	Fully recyclable at the end of life
IP Protection	IP65
Temperature(°C) Cycle Life	>6000.25, 0.5°C 90%DOD
Storage	-20°C~+35°C
Working Temperature(°C)	Charge: 0°C~+55°C Discharge: -20°C~+55°C
Transportation SOC	30%



Model	MTSK-HV-7500	MTSK-HV-10K	MTSK-HV-12.5K	MTSK-HV-15K	MTSK-HV-17.5K	MTSK-HV-20K
Nominal Voltage	144V	192V	240V	288V	336V	384V
Connection	1P45S	1P60S	1P75S	1P105S	1P120S	1P90S
Voltage Working Range(V)	114.7V-159.7V	153V-213V	191.2V-266.2V	267.7V-372.7V	230V-319V	306V-426V
Nominal Capacity(kWh)	7.488kWh	9.984kWh	12.48kWh	14.976kWh	17.472kWh	19.968kWh
Weight	~80kg	~105kg	~129kg	~176.2kg	~152.3kg	~199.5kg
Dimension(L*W*H)	606 x220x730mm	606x220x900mm	606x220x1070mm	606x220x1240mm	606x220x1410mm	606x220x1580mm