

MAXDEPOER



All-in-one
Battery System

Product Model

FS5000E
FS500024E

Product Features

High efficiency

Advanced MPPT technology,
efficiency up to 99.9%
UPS, Switch within 10ms
High charge and discharge efficiency,
improve system economic benefits

Safe and reliable

With multiple protection functions
Functional protection: Over
temperature, overload, over voltage,
over current, short circuit protection

Easy to use

Rich customization settings
Self-contained battery,
capacity&power are optional

Electrical Characteristics

Model		FS5000E	FS500024E
Project	Specification	Parameter	Parameter
Input	Power Capacity (KVA)	5	10
	Bypass mains power (KW)	15	30
	Battery Capacity (KWh)	6	24
	Mains input rang (VAC)	170~275	
	Rated input voltage/frequency	208/220/230/240VAC, (50/60Hz)	
Output	Voltage (VAC)	220	
	Power Factor (PF)	1	
	Switching time (ms)	<10	
	Overload Capacity	110~120%/30s; ≥160%/3s	
	Output frequency	Line Mode: Follow the mains frequency , Battery Mode: 50/60Hz±0.1%	
Max. Efficiency	Battery Mode	94%@48VDC	
Charger	Solar Charger Type	MPPT	
	Max PV input power (KW)	5.5	11
	MPPT Range@Operating Voltage (VDC)	120~430	
	Max PV Open Circuit Voltage (VDC)	500	
	Max PV Charge Current (A)	80	160
	Max AC Charge Current (A)	80	160
	Max Charge Current (A)	80	160
Battery	Normal Voltage (VDC)	48	
	Floating Charge Voltage (VDC)	54	
	Overcharge Protection (VDC)	61	
General Data	Operating temperature	0℃~+50℃	
	Net Weight	147kg	294kg
	Dimensions (W*H*D)	550*520*600mm	550*520*1200mm