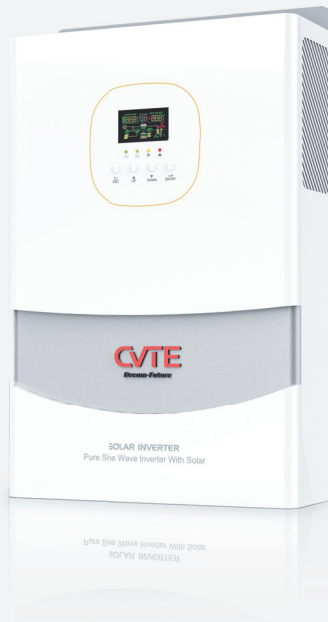


MAXDEPOER



Single Phase Off-grid Inverter

Product Model

FN3000E
FN5000E

Product Features

High efficiency

High power density, Low cost and easy assembly
UPS, Switch within 10ms
High charge and discharge efficiency,
Compatible with lead-acid and lithium batteries

Safe and reliable

Support lithium battery activation
wake-up start function
Functional protection: Over temperature, overload, over voltage, over current, short circuit protection

Easy to use

Rich customization settings

Electrical Characteristics

Model		FN5000E	FN3000E
Project	Specification	Parameter	Parameter
Parallel	Parallel quantity	9	NA
	Capacity (KVA)	5	3
Input	Rated voltage (VAC)/Frequency (Hz)	208/220/230/240,(50/60), L+N+PE	
	Voltage Range (VAC)	90~280±3(normal mode) / 170~280±3(UPS mode)	
	Frequency Range (Hz)	40~70±0.1%	
	Output	208/220/230/240	
Output	Rated voltage (VAC)	208/220/230/240	
	Power Factor (PF)	1	1
	Switching time (ms)	20(normal mode) / 10(UPS mode)	
	Overload Capacity	1min@102%~110%Load; 10s@110%~130%Load; 3s@130%~150%Load; 0.2s@150% Load	
	Output frequency	Line Mode: Follow the mains frequency, Battery Mode: 50/60Hz±0.1%	
Max. Efficiency	Battery Mode	94%@48VDC	93.5%@24VDC
	Solar Charger Type	MPPT	
Charger	Max PV input power (KW)	6	4
	MPPT Range@Operating Voltage (VDC)	120~430	
	Max PV Open Circuit Voltage (VDC)	500	
	Max PV Charge Current (A)	80	120
	Max AC Charge Current (A)	80	120
	Max Charge Current (A)	80	120
	Battery	Normal Voltage (VDC)	48
Battery	Floating Charge Voltage (VDC)	54	27
	Overcharge Protection (VDC)	61	32
	Operating temperature	0 C ~ +50 C	
General Data	Relative Humidity	20%~95% (Non-Condensing)	
	Storage temperature	-15~60 C (Battery: 0~40 C)	
	Net Weight	8.45kg	8.1kg
	Dimensions(W*H*D)	490*312*125mm	