

TECHNICAL Data



Product: S5000-E Series – F125

Mounting: Cabinet

Topology: Online – Modular

Rating: 25 – 125 kVA

25kVA/kW Modules

Phase: 3 : 3

MODEL: UPS5000-E Series 25-125 kVA F125					
RATED CAPACITY (kVA/kW)	25kVA/kW	50kVA/kW	75kVA/kW	100kVA/kW	125kVA/kW
No. POWER MODULES	1	2	3	4	5
INPUT					
Rated voltage	380/400/415 Vac				
Voltage range	138-485 Vac				
Input wiring	3Ph+N+PE				
Input frequency	40-70 Hz				
Total harmonic distortion	THDi <3% for linear load, THDi <5% for nonlinear load				
Input power factor	0.99				
BYPASS					
Rated voltage	380/400/415 Vac				
Input frequency	50/60 ±6 Hz				
Input wiring	3Ph+N+PE				
BATTERIES					
Rated voltage	360-480 VDC (the number of batteries can be selected from 30 to 40; 32batteries in default)				
OUTPUT					
Voltage	380/400/415 Vac±1%				
Frequency	Tracking the bypass input (Online Mode); 50/60 Hz ±0.1% (Battery Mode)				
Output wiring	3Ph+N+PE				
Waveform	Sine wave (THDv <1% for linear load)				
Output power factor	1				
Efficiency	95.5%				
Overload capacity	Inverter: 110% overload for 60 min; 125% overload for 10 min; 150% overload for 1 min Bypass: 135% overload for long term; >1000% overload for 100ms				
ENVIRONMENT					
Operating temperature	0-40 °C (Excludes Batteries)				
Storage temperature	-40 - 70 °C				
Relative humidity	0% - 95% (No condensing)				
Maximum operation altitude	1000 m. Above 1000 m, de-rating 1% for each additional 100 m				
OTHER					
Height x Width x Depth (mm)	2000x600x850				
EMC	EN/IEC 62040-2; IEC61000-4-2; EN61000-4-3; EN61000-4-6				
Safety	EN/IEC 62040-1; YD/T1095-2008; GB/T4715-93, TLC, CE, RoHS, Reach, WEEE, etc.				
Communications	Dry contacts, RS485, SNMP				