

TECHNICAL Data



Product: S5000-E Series – Battery Integrated Mounting: Cabinet
 Topology: Online - Modular Rating: 25 – 75 kVA
 25kVA/kW Modules Phase: 3 : 3

MODEL:		UPS5000-E Series 25-75 kVA Battery Integrated Solution	
INPUT			
Rated voltage	380/400/415 Vac		
Voltage range	138-485 Vac		
Input wiring	3Ph+N=PE		
Frequency range	40 – 70 Hz		
Total harmonic distortion	< 3% (100% linear load)		
Input power factor	0.99		
BYPASS			
Rated voltage	380/400/415 Vac		
Frequency range	50/60 Hz (adjustable, 0.5–6 Hz, ±2 Hz by default)		
Input wiring	3Ph+N+PE		
OUTPUT			
Rated Voltage	380/400/415 Vac		
Frequency	Same as bypass(Online mode), 50/60 Hz±0.05%(Battery mode)		
Output power factor	1		
Waveform	Sine wave; THDv <1% (linear load)		
Output wiring	3Ph+N+PE		
Efficiency	Up to 96.5% (power module)		
Overload capacity	110% overload for 60 min; 125% overload for 10 min; 150% overload for 1 min		
BATTERIES			
Type	Internal hot swappable VRLA within UPS cabinet or matching battery cabinets or rack mounted		
ENVIRONMENT			
Operation temperature	0-40 °C (Excludes Batteries)		
Storage temperature	-40 -70 °C		
Relative humidity	0%-95%(No condensing)		
Maximum operation altitude	≤1000m, Above 1000m, de-rating of 1% each 100m between 1000m and 4000m		
OTHER FEATURES			
Cabinet type	Integrated Cabinet	Battery Cabinet	
Rated capacity	25-75 kVA	N/A	
Battery modules	1-4 strings	1-8 strings	
Paralleled units	4		
Height x Width x Depth (mm)	2000×600×1100		
Communications	SNMP, RS485, Dry contacts etc.		
Safety regulations	EN62040-1:2013, IEC62040-1:2013, YD/T1095-2000, GB/T14715-93		
EMC	EN62040-2, IEC62040-2, IEC61000-2-2, IEC61000-4-2, EN61000-4-3, IEC61000-4-4, IEC61000-4-5, EN61000-4-6, IEC61000-4-8, IEC61000-4-11		