

## E Series (60-200kVA)



- Finance
- Data center
- Transportation
- Commercial facility
- Intelligent equipment
- Medical industry

### General Features:

- Latest generation IGBT, Low harmonic, high efficiency, effectively energy-saving.
- The most advanced and dual DSP control point and increase performance.
- Intelligent fan control and redundant design:
- Internal air channel which hot air drives directly towards heat sink without distressing the PCB's and other internal sensitive components
- AC/AC efficiency reduces heat dissipation and limits power consumption costs
- High input power factor up to 0.99 and low Input THDi: < 5 % at full load, much less grid pollution and costs
- Optional galvanic isolation transformer



## Technical Specification

MODEL	E60	E80	E100	E120	E160	E200
<b>INPUT</b>						
Voltage (Vac)	380/400/415 (323-482 L-L)					
Frequency (Hz)	45-65					
Power Factor	≥0.99					
Phase	3φ4W+PE					
THDi at full linear load	<5% (linear load)					
<b>OUTPUT</b>						
Capacity (kW)	60	80	100	120	160	200
Power Factor	0.8				0.9	
Voltage (Vac)	380/400/415±1%					
Frequency (Hz)	50/60±0.1% (Battery mode)					
Phase	3φ4W+PE					
THDv	<3% at linear load, <5% at non-linear load					
Transfer Time (ms)	0					
AC-AC Efficiency	up to 93%					
Overload	101-110% load for 60 minutes, 111%-125% load for 10 minutes, 126%-150% load for 1 minute, over 150% load transfer to bypass					
<b>BATTERY</b>						
Battery Voltage (Vdc)	±372				±360	
Battery Type	External					
<b>GENERAL</b>						
Communication Interface	RS485, MODBUS, dry contact (RS232, BMS, SNMP, expand dry contact card are optional in slot)					
Display	LCD				Touch screen	
Alarm	AC input abnormal, low battery, overload, failure					
Protection	Output short-circuit, overload, over-temperature, battery low voltage, output over/low voltage					
Noise (dB)	<65			<70		
Altitude(m)	0-2000 no derate. 2000-3000 m derate power by 1% per each 100 m increase					
IP	IP20					
Working Temperature (°C)	0 ~ 40 no derate, 40-50 auto derate.					
Relative Humidity	0 ~ 95%, no condensation					
Dimension (WxDxH)(mm)	520x900x1300	670x700x1630		860x780x1820	980x870x1950	1340x1080x2050
Weight (kg)	202	253	285	405	570	830

• Specification is subject to change without prior notice.