

**EGE 200**  
Series

**Ege 200 Series Technical Specifications**

10- 20 kVA 3 Phase Input - 1 Phase Output (HF) Online UPS



MODEL	EGE 210 KT	EGE 210 KTL	EGE 215 KTL	EGE 220 KTL
Apparent Power (kVA)	10		15	20
Active Power (kW)	8		12	16
<b>INPUT</b>				
Voltage	380/400/415 Vac (3Ph+N+PE)			
Voltage Range (Ph-N)	115 - 300 Vac		120 - 275 Vac	
Frequency	50/60 Hz			
Frequency Range	(46-54 Hz) / (56-64 Hz)			
THDi	5%			
Power Factor	0.98		0.99	
<b>OUTPUT</b>				
Voltage	220/230/240 Vac (1 Ph+N+PE)			
Voltage Regulation	±1%			
Frequency	50/60 Hz			
Frequency Range	Synchronized to Network (46-54Hz/ 56-64 Hz) in Line mode; ± 0.05 Hz in Battery Mode			
Crest Ratio	3:1			
Power Factor	0.8			
THDv	<3% Linear Load, <6% Non-Linear Load			
Transfer Time	(0 ms AC Mod » DC Mod) / (<4ms AC Mod » Bypass Mod)			
Overload	%105<load<%125 for 60 sec., %125<load<%150 for 30 sec., load>%150 for 0.5 sec.			
<b>BATTERY</b>				
Voltage	192 VDC			
Charging Current	2A		4A	
<b>DISPLAY PANEL</b>				
LCD	UPS Status, Input/Output Voltage and Frequency, Battery Voltage, Capacity, Temperature, History Records, Adjust Voltage, ECO Mode			
<b>COMMUNICATION</b>				
Interface	RS232, SNMP Card (Optional), USB (Optional)			
<b>ENVIRONMENTAL</b>				
Operating Temperature	0 to 40 °C			
Storage Temperature	-25 to +55 °C			
Relative Humidity	% 0-95 (Non-condensing)			
Altitude	<1500 m			
Protection Level	IP20			
Acoustic Noise	<55 dBA			
<b>PHYSICAL</b>				
Dimensions (WxDxH) mm	248x500x616			
Weight (kg) (W/O Batt)	27		35	
<b>STANDARDS</b>				
Harmonized Standards	EN 62040-1(LVD), EN 62040-2 (EMC), EN 62040-3			

**GENERAL SPECIFICATIONS**

- Microprocessor controlled high reliability
- True-online design
- Energy efficiency with power factor regulation
- Wide input voltage range
- Battery operation alert, manual alert cancellation
- Optional long battery life
- Automatic start repetition and battery-connected operation(cold-start)
- Maintenance by-pass
- Standard RS232 port and intelligent ups monitoring software
- Self-test property when switched on
- Developed protection functions
- Frequency distortion and extra voltage protection
- Short circuit protection
- Load and battery capacity display

**ONLINE UPS**

ESIS EGE series, produced with PWM and IGBT technology, contains sinusoidal wave generating, developed communication options equipped, 3 phase input 1 phase output online UPS. ESIS EGE Series manufactured in different power ranges, are used to supply vital important equipments such as medical analysis equipments, operating rooms in hospitals, ultrasound equipments, security systems, all kinds of automation systems, computer networks and communication systems. Thanks to high protection providing technology, EGE Series protect them from problems of utility failures and irregular voltage.

EGE 200 Series of three phase in/single phase out with high frequency online double conversion UPS is a stable and reliable UPS system which was designed by ESIS company according to power grid environment and network systems requirements. Its excellent quality and perfect usability can provide the network power supply a safe and reliable protection, satisfy the users' requirements of protecting overall equipments.