

EGE KT
Series

Ege 100 KT Series Technical Specifications

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



MODEL	EGE 101KT	EGE 101KTL	EGE 102KT	EGE 102KTL	EGE 103KT	EGE 103KTL	EGE 106KT	EGE 106KTL	EGE 110KT	EGE 110KTL
Apparent Power (kVA)	1		2		3		6		10	
Active Power (kW)	0.8		1.6		2.4		4.8		8	
INPUT										
Voltage	220/230/240 Vac (1 Ph+N+PE)									
Voltage Range	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				
OUTPUT										
Voltage	220/230/240 Vac (1 Ph+N+PE)									
Voltage Regulation	±2%									
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 Mode » DC Mode) / (<4ms AC Mode » Bypass Mode)									
Overload	110≤ load<150 25sec., 150<load<200 300 msec.				%105<load<%125 for 60 sec., %125<load<%150 for 30 sec., load>%150 for 0.5 sec.					
BATTERY										
Voltage	36VDC	72VDC	96VDC	192 veya 240VDC						
Recharge Time	5 hours to 90% (it means standard model which battery inside UPS)									
Charging Current	1A	4A/8A(Opt)	1A	4A/8A(Opt)	1A	4A/8A(Opt)	2A	4A	2A	4A
DISPLAY PANEL										
LCD	UPS Status, Input/Output Voltage and Frequency, Battery Voltage, Capacity, Temperature, History Records, Adjust Voltage, ECO Mode									
COMMUNICATION										
Interface	RS232, SNMP Card (Optional), USB (Optional)									
ENVIRONMENTAL										
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	<45 dBA					<50 dBA				
PHYSICAL										
Dimensions (WxDxH) cm	15x36x22	19x39x32	19x43x32	25x50x62	25x50x62	25x50x62	25x50x62	25x50x62	25x50x62	25x50x62
Net Weight (kg)	12	6.5	23	10.5	31.5	14	57	18	67.5	20
STANDARDS										
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 correction
- Wide input voltage range
- Battery operation alert, manual alert cancellation
- Optional long battery backup
- Automatic start repetition and battery-connected operation(cold-start)
- Maintenance by-pass (for EGE 106 and EGE 110)
- USB connection (optional)
- Standard RS232 port and intelligent ups monitoring software
- SNMP(optional)
- 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, 1 phase input 1 phase output on-line 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 higher protection providing technology, EGE Series protect them from problems of utility failures and irregular voltage.

High frequency online EGE100 1-10KVA series have a high stability and reliability which was designed by ESIS company according to power grid environment and network system requirements. Its excellent quality and perfect usability can provide a safe reliable guarantee for the computer network system and realize overall protection to user devices.