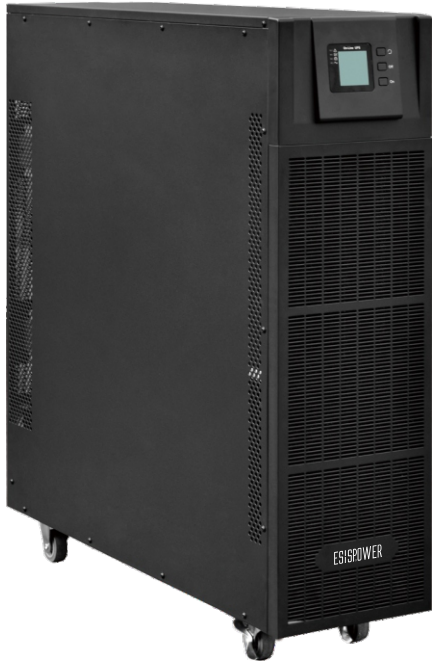


EGE 300K Series

Ege 300K Series Technical Specifications
10-40 kVA 3 Phase Input - 3 Phase Output (HF) Online UPS



MODEL	EGE 310K/KL	EGE 315K/KL	EGE 320K/KL	EGE 330K/KL	EGE 340 KL	
Rated Power (kVA)	10	15	20	30	40	
Active Power (kW)	9	13.5	18	27	36	
INPUT						
Rated Voltage	380/400/415 Vac (3P+N+PE)					
Voltage Range	208~478 Vac				323~478 Vac	
Operating Frequency Range	50Hz: 45-55Hz; 60Hz: 54-66Hz (Auto Sensing)					
Harmonic Distortion (THDi)	<5% (100% Linear Load)					
Power Factor	0,99					
Bypass Voltage Range	Max. Voltage: 380Vac: +25%(optional+10%, +15%, +20%) 400Vac: +20%(optional+10%, +15%) 415Vac: +15%(optional+10%) Min.Voltage: -45% (optional -20%,-30%)					
Harmonic Distortion (THDi)	<3% (100% Linear Load)					
Generator Input	Yes					
OUTPUT						
Rated Voltage	380/400/415 Vac (3P+N+PE)					
Voltage Regulation	±1%					
Frequency	Line	Line Mode: synchronize with input; When input frequency > ±10% (±1%±2%1±4%1±5% optional)				
	Battery	50/60 ± 0.1 Hz				
Voltage Distortion (THDv)	≤2% (Linear Load); ≤ 5% (Non-Linear Load)					
Power Factor	0.9					
Crest Factor	3:1					
Efficiency	>93.5%				>94.5	
SYSTEM FEATURES						
UPS Type / Technology	Standalone Tower Type / True Online Double Conversion					
Transfer Time	Mains to Battery:0 ms; Mains to Bypass:0 ms					
Overload Capability	Line Mode	Load≤ 110%: 60min; ≤125%:10min, ≤150%:1min, >150% turn to bypass mode immediately				
	Batt. Mode	Load≤ 110%: 10min; ≤125%:1min, ≤150%:10sec, >150% Shut down UPS mode immediately				
	Bypass Mode	20A (Breaker)	32A (Breaker)	40A (Breaker)	63A (Breaker)	80A (Breaker)
Alarm	Overload, Utility abnormal, UPS fault, Battery low, etc.					
Protection	Short Circuit, Overload, Over Temperature, Battery Low, Fan Fault Alarm.					
Communication Interface	USB, RS-485, Paralle Port, Dry Contact, Intelligent Slot, SNMP Card (Optional), Relay Card (Optional)					
BATTERY						
Battery	Standart (K)	120 Vdc	120 Vdc	120 Vdc	120 Vdc	N/A
Voltage	Long Backup(KL)	96V,108V,120Vdc	96V,108V,120Vdc	96V,108V,120Vdc	96V,108V,120Vdc	192,204,216,228,240Vdc
Built in	Standart (K)	1,35 A	2,70 A	2,70 A	4 A	N/A
Charger	Long Backup(KL)	10 A	10 A	10 A	10 A	10 A
Built in Battery	Standart (K)	20x12V/9Ah Max.40	40x12V/9Ah	40x12V/9Ah	60x12V/9Ah	N/A
ENVIRONMENT						
Operating Temperature	0°C ~ 40°C					
Storage Temperature	-25°C ~ 55°C (without battery)					
Relative Humidity	0-95% (non-condensing)					
Altitude	<1500m (no derating)					
Audible Noise	<55 dBA				<58 dBA	
STANDARDS						
LVD (Safety)	IEC / EN 62040-1 / IEC / EN 60950-1					
EMC	IEC/EN62040-2/IEC 61000-4-2/IEC61000-4-3/IEC61000-4-4/IEC61000-4-5/IEC61000-4-6/IEC61000-4-8					
PHYSICAL						
Dimensions (WxDxH) (mm)	250x868x828					
Weight (kg)	95(K)/42(KL)	147(K)/45(KL)	147(K)/71(KL)	223(K)/73(KL)		

FEATURES

- Smallest Footprint Design
- DSP-controlled Technology
- Parallel Redundancy up to 4 units
- Wide Input Voltage and Frequency
- Unity Power Factor and Low Input Distortion
- Output Power Factor at 0.9
- ECO Mode for Energy Saving
- Common Battery
- Programmable Battery Voltage from +/-96Vdc to +/-240Vdc
- Built-in Batteries makes UPS ready to Use
- Matching Battery Packs
- 3-level intelligent Charge Modes with Smart Charge Current Adjustment
- Powerful Charger up to 10A
- Versatile Communication Interfaces Provided for Different Applications
- Superior Overload Capability
- Programmable Control and Monitoring Software via RS232 port
- Emergency Power Off
- Cold Start

ONLINE UPS

EGE 300K Series are 3 phase input, 3 phase output, transformer-less parallel redundancy online UPS series, featured with smallest footprint cabinet, built-in batteries, DSP Control, Common Battery, Programmable battery voltage, 3-level intelligent charge mode with powerful battery charger, is an ideal budget-concerned solution to your server, bank, industrial equipment, internet data center, telecom, IT equipment and other Mission-critical application.