



FLEXIBLE BATTERY CONFIGURATION
IN-BUILT AND EXTERNAL BATTERY
CONFIGS ALLOW FLEX BACKUP TIMES



HIGH POWER DENSITY
COMPACT UNITS ENSURES TO STORE
IT IN ANY LOCATION



MAXED OUT EFFICIENCY
EFFICIENCY LEVELS UP TO 98% HELPS
YOU ON YOUR ENERGY SAVINGS



N+X PARALLELABLE
N+X PARALLEL CONFIGURATION WITH
EXTERNAL M. BYPASS

ENCLOVE Energy:
ON-LINE 3:3 Phase Tower Type
Uninterruptible Power Supplies

- High frequency online double conversion technology
- Advanced double core DSP and 3-Level conversion
- Active Power Factor Correction (APFC)
- Input Power Factor up to 0.99
- System Efficiency: 95%
- Output Power Factor: 1.0
- Double Input that supports split bypass
- Wide Input Voltage Range
- 50/60 Hz (Auto-Sense), Frequency Converter Mode
- Up to 98% Efficiency in ECO Mode
- Smart Fan Speed mode related with the load percentage.
- Adjustable battery quantity between 32 to 40 blocks
- Digital Controlled Charge Device (Max.10A & %20 power
- Start from Battery when there is no mains (Cold Start)
- 0 Transfer time for Power Supply Mode
- Compact Internal Layout, high power density,
- 5in Color touch screen
- Parameter configuration and advanced software
- Advanced Multi Platform Communication for UPS
- Monitoring: RS232, USB, RS485, Dry Contact, SNMP Board, Wi-Fi Board ve GPRS Board
- Smart Battery Management, Automatic Equalize and flexible charge control, sleep mode control for charger, advanced design life for charger board and longer battery life time



MODEL	EON 3380	EON 33100	EON 33120	EON 33160	EON 33200
POWER (VA)	80kVA	100kVA	120kVA	160kVA	200kVA
POWER (VA)	80kW	100kW	120kW	160kW	200kW
INPUT					
Voltage	380 / 400 / 415 VAC (Ph-Ph)				
Voltage Range	304~478Vac (3Φ + N + PE) / (228~304VAC De-Rated)				
Frequency	50 / 60Hz Auto Sensing				
Frequency Range	40-70 Hz. ± % 0,5				
Input Power Factor	≥ 0,99				
Total Harmonic Distortion (THDi)	≤ %5				
Bypass Voltage Range	Factory Setting: -20%~+15% (LCD Panel Selectable) Lower Limit: +10/15/20/25% - Top Limit: -10/15/20/30/40% (LCD Panel Selectable)				
Bypass Frequency Range	±1Hz, ±3Hz, ±5Hz (LCD Panel Selectable)				
Bypass Over Load Capability	125% - Continuous 125%~130% - 10mins 130%~150% - 1 min 150%~400% - 1 sec >400% - 200ms				
OUTPUT					
Voltage	380 / 400 / 415 VAC (LCD Panel Selectable)				
Voltage Regulation	±%1 (Lineer Load)				
Frequency	Sync with Mains, Battery Operation 50 / 60 Hz. ±0,1Hz				
Waveform	Pure Sine Wave				
Output Power Factor	1.0				
Efficiency	Max. 96%				
Crest Factor	3:1				
Total Harmonic Distortion (THDu)	Lineer Load ≤ %1 Non Lineer Load ≤ %3				
Transfer Time	0 ms				
Inverter Overload Characteristics	110% load - 60mins 110-25% Load - 10mins 125-150% Load - 1min 150% Load - >200ms				
BATTERY					
Battery Voltage	In-Built Battery Models: 240 VDC External Battery Models: 32-40 adet (Adjustable)				
Battery Charger Current	30A	40A		60A	
Charge Voltage Sensitivity	≤ %1				
SYSTEM					
Display	5 inch Touch Panel Display (Colored)			7 inch Touch Panel Display (Colored)	
Parallel Operation	Up to 6 (Optional)				
ENVIRONMENTS & STANDARDS					
Operation Temperature	0 °C- 40 °C				
Operation Humidity	%0 ~ %95 (Non-condensing)				
Storage Temperature	-40 °C~ 70 °C				
Audible Noise	<70 Db (1 meter away)				
Operation Altitude	≤1000m (without de-rate) / @1000-2000m 1% de-rate in each 100 m				
Communication	Standard: RS232, RS485, USB, Battery Cold Start Optional: Configurable Dry Contacts, SNMP, Paralel Kit				
PHYSICAL PROPERTIES					
Net Dimensions (W*D*H) - Standard	360x800x1200	360x850x1200		440x850x1250	
Package Dimensions (W*D*H) - Standard	450x870x1370	450x940x1350		530x940x1410	
Net Weight (kg)	152	156	160	194	200
Packed Weight (kg)	172	180	180	214	220

* Our company has the right to change the model, visual and technical specification information of the products without prior notice.