



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



FUNDAMENTAL PROTECTIONS
SHORT CIRCUIT, OVER CURRENT
BATTERY DISCHARGE PROTECTION



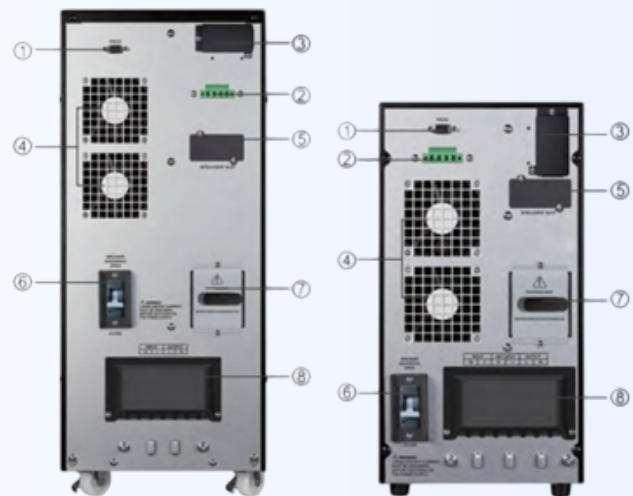
MAXED UP MTBF
MAXIMUM MTBF ENSURES YOUR
LOADS STAYS ACTIVE FOR LONG YEARS

ENCLOVE Energy: ON-LINE Uninterruptable Power Supplies

- High Frequency Double Conversion
- DSP (Digital Signal) Technology
- Input Power Factor Correction (PFC)
- Wide Input Voltage Range (110-300V)
- Output Power Factor: 0.9
- Cold Start Function
- Auto Frequency Sensing
- Selectable Output Voltage from LCD
- Auto Test function on Start
- Advance Battery Management (ABM)
- Short Circuit and Overload Protection
- Auto Battery Charger in OFF Mode
- Load Sensitive Fan Control
- Perfect Generator Compatibility
- Standard RS232/USB
- EPO Function (Optional)
- SNMP/AS400/ModBus (Optional)
- Extra Charger Board (Optional)
- Parallel Operation up to 3 units
- EMC and LVD Complied
- 2 Year Warranty

REAR PANEL DETAILS

1. RS232
2. EPO (OPTIONAL)
3. PARALLEL PORT (OPTIONAL)
4. FAN
5. COMMUNICATION SLOT
6. INPUT BREAKER
7. MAINTENANCE BYPASS BREAKER (OPTIONAL)
8. CONNECTION TERMINALS



**BUILT-IN BATTERY
MODEL**

**EXTERNAL BATTERY
MODEL**

MODEL	EON1101S EON1101L	EON1102S EON1102L	EON1103S EON1103L	EON1106S EON1106L	EON1110S EON1110L
POWER (VA)	1000VA	2000VA	3000VA	6000VA	10000VA
POWER (VA)	900W	1800W	2700W	5400W	9000W
INPUT					
Voltage	208 / 220 / 230 / 240 VAC				
Voltage Range	185-275VAC @ 100% Load / 120-185VAC @ 50% Load				
Frequency	50 / 60Hz Auto Sensing				
Frequency Range	40-70Hz (46-54Hz @ 50Hz / 56-64Hz @ 60Hz				
Input Power Factor	≥ 0,98			≥ 0,99	
OUTPUT					
Voltage	208 / 220 / 230 / 240 VAC (Selectable from LCD Panel)				
Voltage Regulation	± % 1				
Frequency	50 / 60 Hz.				
Waveform	Full Sine Wave				
Output Power Factor	0.9				
Crest Factor	3:1				
Harmonic Distortion	≤ %2 @ Linear / ≤ %4 @ Non Linear Load			≤ %2 @ Linear / ≤ %5 @ Non Linear Load	
Transfer Time	BAT → INV = 0ms / INV → BYP = <4ms / ECOMODE BATTERY = 10ms				
Overload Capability	1 mins @ 105%-125% Load 30 sec @ 125% - 150% Load 0,5 sec @ >150% Load				
Efficiency	INVERTER MODE: ≥ %94 ECO MODE: ≥ %98				
BATTERY					
Battery Voltage	24VDC (36V Opt.)	48VDC (72V Opt.)	72VDC (96V Opt.)	180VDC	192VDC
Battery Quantity	2 (3 Opt.)	4 (6 Opt.)	6 (8 Opt.)	15	16
Battery Capacity	7Ah	7Ah	7Ah	7Ah	9Ah
Charge Current (Standard Model)	1A	1A	1A	1A	1A
Charge Current (Long Model)	4A	4A	4A	4A	4A
Re-Charge Time	90% after 5 hours			90% after 7 hours	
FUNCTIONS					
Indications	Segment LCD, LED Indicators				
Alarms	Mains Failure, Battery Low, Over Load, UPS Common Fault (Audible)				
Communications	RS232, USB, EPO (Standard) SNMP, MODBUS, AS400 (Optional)			RS232 (Standard) EPO,SNMP,MODBUS,AS400 (Optional)	
Parallel Operation	N/A			3 (Optional)	
Maintenance Bypass	N/A			Optional	
Frequency Converter Mode	N/A			YES (60% De-Rate)	
ENVIRONMENTS & STANDARDS					
Operation Temperature	0 °C- 40 °C				
Relative Humidity	<90% (Non condensing)				
Audible Noise	< 50 Db (1 meter away)				
Ingress Protection	IP20				
Operation Altitude	0-1000m (After 1000m 1% power loss in each 100m)				
Standards	CE, IEC62040, IEC61000-4-2, IEC61000-4-3, IEC610004-4, IEC61000-4-5				
PHYSICAL PROPERTIES					
Dimensions (W*D*H)	144x224x325	190x323x368		248x500x616	
Net Weight (Kg)	11	25		59	63
Gross Weight (kg)	11,5	27		65	68

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