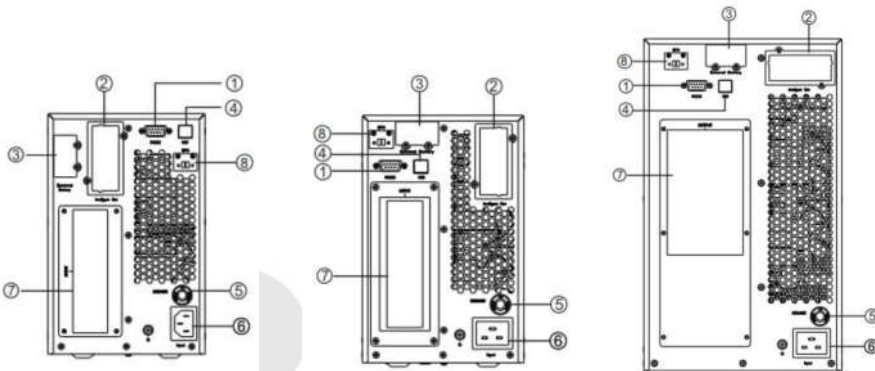


The EnplusEVOII Tower series is of the latest range of online uninterruptible power supply that provides the most advanced online double conversion with its market leading unity power factor (pf 1.0).

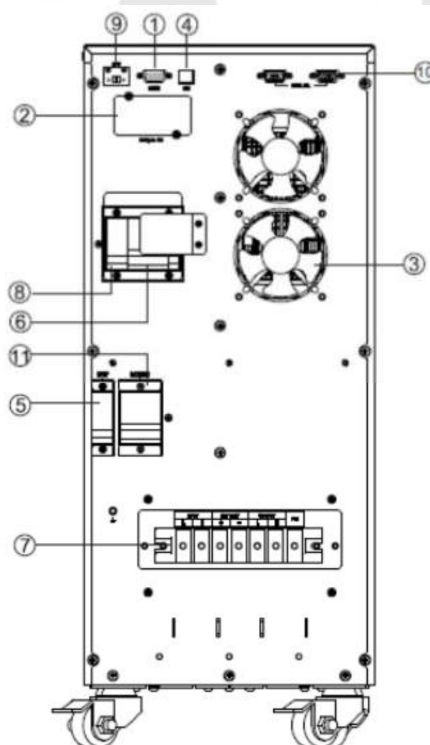
Available in 1KW ~ 10KW versions, the EnplusEVOII Tower series is the best choice to protect critical servers for all applications.

### FEATURES

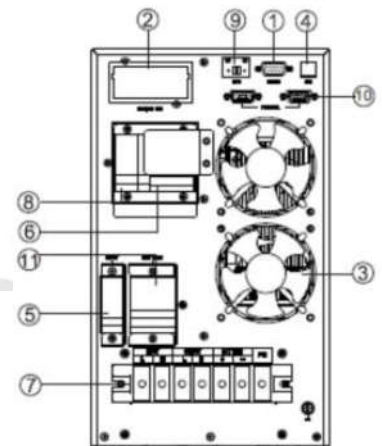
- True online double-conversion technology
- Wide input voltage range, stable power supply with extended battery lifetime
- DSP technology
- Advanced PFC technology with input PF >99%
- Cold start
- Automatic battery charging on/off mode
- Lighting and surge protection
- LCD
- Smart RS232 port with monitoring software
- Smart slot for mission critical applications
- Option: Output isolation transformer available



- ① RS232
- ② Smart slot
- ③ External battery connection port
- ④ USB
- ⑤ Input over current breaker
- ⑥ AC input
- ⑦ Output socket
- ⑧ EOP



- ① RS232
- ② Smart slot (optional)
- ③ Fan
- ④ USB
- ⑤ Input breaker
- ⑥ Maintenance bypass switch (optional)
- ⑦ Terminal block
- ⑧ Output breaker (optional)
- ⑨ EPO
- ⑩ Parallel kit (optional)
- ⑪ Battery breaker (optional)



### TECHNICAL SPECIFICATION

Model	EnplusEVOII -1KTS	EnplusEVOII -1KTL	EnplusEVOII -2KTS	EnplusEVOII -2KTL	EnplusEVOII -3KTS	EnplusEVOII -3KTL
Capacity	1kVA/1kW		2kVA/2kW		3kVA/3kW	
<b>Input</b>						
Voltage	208/ 220/230/240Vac, L+N+PE					
Voltage Range	110~300Vac					
Frequency Range	40-70Hz					
Power Factor	≥0.99					
THDi	≤4% (Linear load); ≤5% (Non-linear load)					
<b>Output</b>						
Voltage	208/220/230/240Vac (L+N+PE)					
Voltage Regulation	±1%					
Frequency	50/60Hz ± 0.1%					
THDu	≤2% (Linear load); ≤5% (Non-linear load)					
Transfer Time	Line mode to battery mode: 0ms; Inverter mode to bypass mode: ≤4ms					
Waveform	Pure Sine Wave					
Overlord Capacity	Line Mode 30min @ 102%~110% load 10min @ 110%~130% load 30s @ 130%~150% load 200ms@ >150% load			Battery Mode 1min @ 102%~110% load 10s @ 110%~130% load 3s @ 130%~150% load 200ms @ >150% load		
Crest Factor	3 : 1					
<b>Efficiency</b>						
Line Mode	94.50%		95.50%		95.50%	
Battery Mode	87.5%/88.5%	88.50%	89.5%/91.5%	91.50%	91.50%	
ECO Mode	98%					
<b>Battery</b>						
Battery Voltage	24 / 36 Vdc	36Vdc	48 / 72 Vdc	72Vdc	72 / 96 Vdc	96Vdc
Battery Quantity	12V 9AH * 2 / 3 pcs	External	12V 9AH * 4 / 6 pcs	External	12V 9AH * 6 / 8 pcs	External
Rated Charge	1A	1-12A settable		1-12A settable	1A	1-12A settable
<b>Communication</b>						
Interface	RS232 / USB Port / Alarm Relay Card (optional) / SNMP card (optional)					
<b>Environment</b>						
Operation Temperature	0 ~ 45°C					
Humidity	0~95% (Non-condensing)					
Audible Noise	≤50dB					
Altitude	≤1000M, power derating for up to 4000M in acc to IEC62040					
<b>Physics</b>						
Dimensions (W*D*H) mm	145x282x224(24Vdc) 145x405x224(36Vdc)	145x282x224	145x405x224(48Vdc) 190*418*322(72Vdc)	145x405x224	190X418x322	145x405x224
Weight (Kg)	8.6 / 10	4	15.6 / 18.5	6.4	22.5 / 25	8.2

### TECHNICAL SPECIFICATION

Model	EnplusEVOII -6KTS	EnplusEVOII -6KTL	EnplusEVOII -10KTS	EnplusEVOII -10KTL
<b>Input</b>				
Nominal Voltage	208/ 220/230/240Vac, L+N+PE			
Voltage Range	110~300Vac			
Frequency	40-70Hz			
Power factor	≥0.99			
THDi	≤5% (Linear load); ≤8% (Non-linear load)			
<b>Output</b>				
Nominal Voltage	208/220/230/240Vac, L+N+PE			
Voltage Regulation	±1%			
Frequency	50/60Hz±0.1%			
THDu	≤2% THD (Linear Load); ≤5% THD (Non-linear Load)			
Transfer time	Line mode to battery mode: 0ms; Inverter mode to bypass mode: ≤4ms			
Crest Ratio	3 : 1			
Overload Capacity	Line Mode: 30min @102%~105% Load 10min @105%~125% Load 30s @125%~150% Load 500ms @>150% Load		Battery Mode: 10min @102%~105% Load 1min @105%~125% Load 10s @125%~150% Load 500ms @>150% Load	
<b>Battery</b>				
Battery Type	Sealed lead acid maintenance free			
Voltage	192Vdc / 240Vdc			
Battery Number	12V 9Ah* 16/20pcs	External	12V 9Ah* 16/20pcs	External
Charge Current	1A (1-12A settable)	1-12A settable	1A (1-12A settable)	1-12A settable
<b>Efficiency</b>				
Line Mode	95%			
Battery Mode	94.50%			
ECO Mode	98%			
<b>Communication</b>				
Interface	RS232 / USB Port / Alarm Relay Card (optional) / SNMP card			
<b>Environment</b>				
Operation Temperature	0~45°C			
Humidity	0~95% (Non-condensing)			
Audible Noise	≤50dB			
Altitude	≤1000M, power derating for up to 4000M in acc to IEC62040			
<b>Physical</b>				
Dimension (W*D*H) mm	250*523*602	190*437*322	250*523*602	190*437*322
Weight (Kg)	68 / 75.8	15	75 / 84.2	17