

10-30kVA Three Phase Rack UPS



Power Range
10-30kVA



Operation
Three phase in, three phase out,
Online Double Conversion.



Applications

Government, Finance, IT, Education, Transportation,
Broadcasting, Medical, Energy and more.



Characteristics

- Mounted in 19 inch rack, or install as tower UPS
- 7 inch touch LCD with IoT functions
- Flexible configuration as 3/3, 3/1, 1/1
- High power density, small volume, 30kW in 3U
- High reliability and environment adaptability



Model	TT010ELR	TT020ELR	TT030ELR
Rate power	10kVA/10kW	20kVA/20kW	30kVA/30kW
Input	3P+N+PE		
Rate Voltage	380/400/415VAC (L-L)		
Voltage range	"304~478VAC(L-L) Full load; 304~228VAC (L-L) Power derate from 100% to 50%		
Freq range	40~70Hz		
Rate Voltage	±120VDC	±240VDC	
Charging capacity	50%*Pout		
Rate Voltage	380/400/415VAC (L-L)		
Rate frequency	50/60Hz		
Output PF	1		
Overload	110%, 1 hour; 125%, 10 mins; 150%, 1 min		
Crest factor	3:1		
Efficiency-normal mode	Up to 97%		
Certification- Safety	IEC62040-1, IEC60950-1		
Certification- EMC	IEC62040-2; IEC61000-4-2(ESD); IEC61000-4-3(RS); IEC61000-4-4 (EFT); IEC61000-4-5 (Surge)		
Certification- PERF	IEC62040-3		
IP degree	IP20		
Noise (1 meter)	65dB @ 100% load, 62dB @ 45% load		
Operation temperature	0~40 °C		
Humidity	0~95%(non condensing)		
Configuration	USB, RS232, RS485, Dry contact, Cold start, Ethernet port		
Option	Air filter, SNMP card, AS400 card, Parallel kit		
Dimensions (WxDxH)mm	400x803x130		
Net Weight (kg)	21.4	22.4	22.7

Specs may change as products are updated and innovated.

10-60kVA Three Phase Tower UPS



Power Range
10-60kVA



Operation
Three phase in, three phase out,
Online Double Conversion.



Applications

Government, Finance, IT, Education, Transportation,
Broadcasting, Medical, Energy and more.



Characteristics

- Intelligent battery management.
- 3-level topology, high performance and efficiency
- Online double conversion, full digital control
- Output PF=1, high load adaptability
- Wide range of input voltage tolerance
- Adapt to half-wave load
- Auto fault waveform recording
- Self-aging function to save test energy



Model	TT010EL	TT020EL	TT030EL	TT040EL	TT060EL
Rate power	10kVA/10kW	20kVA/20kW	30kVA/30kW	40kVA/40kW	60kVA/60kW
Input	3P+N+PE				
Rate Voltage	380/400/415VAC (L-L)				
Voltage range	304~478VAC(L-L) Full load; 304~228VAC (L-L) Power derate from 100% to 50%				
Freq range	40~70Hz				
Rate Voltage	±120VDC	±240VDC			
Charging capacity	50%*Pout			20%*Pout	
Rate Voltage	380/400/415VAC (L-L)				
Rate frequency	50/60Hz				
Output PF	1				
Overload	110%,1 hour; 125%, 10 mins; 150%, 1 min; >150%,200ms				
Crest factor	3:1				
Efficiency-normal mode	Up to 97%				
Certification- Safety	IEC62040-1, IEC60950-1				
Certification- EMS	IEC62040-2; IEC61000-4-2(ESD); IEC61000-4-3(RS); IEC61000-4-4 (EFT); IEC61000-4-5 (Surge)				
IP degree	IP20				
Noise (1 meter)	65dB @ 100% load,62dB @ 45% load				
Operation temperature	0~40°C				
Humidity	0~95%(non condensing)				
Configuration	USB, RS232, RS485, Dry contact, Cold start, Air filter, Ethernet				
Option	SNMP card, AS400 card, Parallel kit				
Dimensions (WxDxH)mm	250x745x556			250x728x650	
Net Weight (kg)	30.8	31.8	32.35	66	72

Specs may change as products are updated and innovated.