

# PRO T Series

10~60kVA 3 phases Rack UPS



## Power range

10~60kVA

## Operation

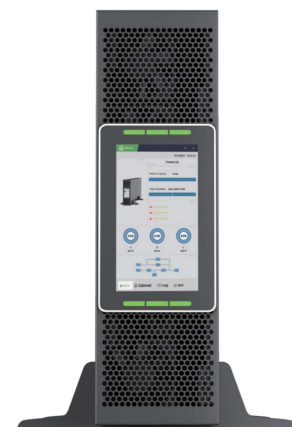
3P/3P,3P/1P,1P/1P,Online double conversion

## Applications

Government, Finance, IT, Education, Transportation, Broadcasting, Medical, Energy, etc.

## 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 environmental adaptability.



Model	PRO T 010R	PRO T 015R	PRO T 020R	PRO T 030R	PRO T 040R	PRO T 060R
Rate Power	10kVA	15kVA	20kVA	30kVA	40kVA	60kVA
Main input	Input 3P5W (3P+N+PE)					
	Rate Voltage 380/400/415VAC(L-L); 220/230/240VAC(L-N)					
	Rate Freq. 50/60Hz					
	Input PF >0.99					
	Current distortion THDi<2%				THDi<3%	
	Voltage range 304 ~ 478VAC(L-L)full load; 304 ~ 228VAC (L-L) power derate from 100% to 50%					
	Freq. range 40-70Hz					
Battery	Rate voltage	±120VDC(default 20 PCS, 20-50 PCS, selcteted) ±240VDC(default 40 PCS,30-50 PCS, selcteted)				
	Charging capacity	Max. 50%*Pout			Max. 20%*Pout	
	Charging accuracy	±1%				
Bypass	Rate voltage 380/400/415VAC(L-L)/220/230/240VAC(L-N)					
	Voltage range Range: -40%- +25% , Settable, default -20% ~ +15%					
	Frequency range 50/60Hz, Settable: ±1Hz, ±3Hz, ±5Hz					
Inverter	Rate voltage 380/400/415VAC(L-L); 220/230/240VAC(L-N)					
	Rate Freq. 50/60Hz					
	Output PF 1					
	Voltage accuracy ±1.0%					
	Output THDu <1% ( linear load ) ,<5% ( non-linear load according to IEC 62040-3 )					
	Overload 110%,1 hour; 125%,10 mins; 150%,1 min; >150%,200ms					
	Frequency accuracy 0.1%					
	Synchronize window Settable , ±0.5Hz-±5Hz, default ±3Hz					
	Slew rate Settable , 0.5Hz/S-3Hz/S, default 0.5Hz/S					
	Crest factor 3:1					
	Phase Accuracy 120°±0.5°					
System	Efficiency Up to 97%			Up to 96%		
	Display LED + 7 inch touch LCD					
	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					
	Configuration USB, RS232, RS485, Dry contact, Cold start,Ethernet port			USB, RS232, RS485, Dry contact		
	Option SNMP card, AS400 card, Parallel kit, Air filter			SNMP card, AS400 card, Parallel kit, Air filter,Cold start		
	Environment 0-40°C ( operation ) ; -25°C~70°C ( storage ) ; 0-95% (Humidity, non-condensing )					
Dimension (W*D*H) mm	440*620*130 (3U)				440*788*174 (4U)	440*807*218 (5U)
Weight(kg)	21.4	22.4	22.7	38	60	