

PL33 TL Series

10~80kVA 3 Phase s Tower UPS
Internal 7/9Ah modular battery strips

► Power range

10~80kVA

► Operation

3P/3P, Online double conv ersion

► Applications

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

► Characteristics



7 inch touch LCD with IoT functions.



High power density, small volume.



High reliability and environment adaptability.



Optional full metal battery strips, with internal batteries capable of configuring up to 16 battery module strips.



Full metal battery strips(Optional)

Model			PL33 10TS	PL33 15TS	PL33 20TS	PL33 30TS	PL33 40TS	\	\
			PL33 10TL	PL33 15TL	PL33 20TL	PL33 30TL	PL33 40TL	PL33 60TL	PL33 80TL
Rate Power			10kVA	15kVA	20kVA	30kVA	40kVA	60kVA	80kVA
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<3% 100% Linear load						
	Voltage range		304 478VAC(L-L)full load 304 228VAC (L-L) power derate from 100% to 75%						
	Freq. range		40-70Hz						
Battery	Rate voltage		±240VDC						
	Model		UPS with internal batteries,12VDC/7~9Ah						
			UPS for external batteries,Settable						
	Quantity	Internal BAT	Internal BAT					Internal BAT	
		External BAT	Depend on external battery, 40PCS						
	Charging capacity		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%						
	Load response		<5% (20% - 80% -20% step load)						
	Recovery time		< 20ms (0% - 100% -0% step load)						
	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		Normal Mode up to 96%; Battery Mode 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, Air filter							
Option		SNMP card, AS400 card, Parallel kit, LBS, Cold start							
Environment		0-40 °C (operation) -25 °C ~70 °C (storage) ; 0-95% (Humidity, non-condensing)							
Dimension (W*D*H) mm		Internal BAT	500*864*922					/	
		External BAT	250*530*650				250*782*650		
Weight(kg)		Internal BAT (No include batteries)	143			153	155	/	
		External BAT	43			53	66	72	



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