

TP Three-phase IGBT Low Frequency Inverter

(10KW、20KW、30KW、50KW、60KW、80KW、100KW、150KW、200KW)

MAIN FEATURES



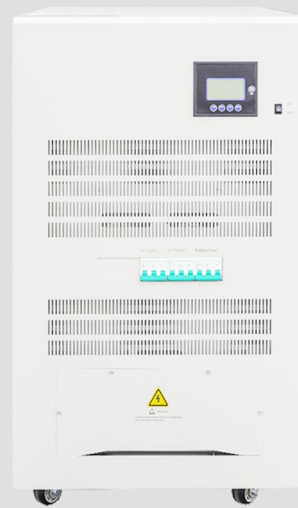
Intelligent battery charge



Efficient IGBT (Insulated Gate Bipolar Transistor) inversion technology



Suitability for industrial applications such as machine tools and wire cutters



Product Specifications

Model:TP-		TP-10KW	TP-20KW	TP-30KW	TP-50KW	TP-60KW	TP-80KW	TP-100KW	TP-150KW	TP-200KW
Rated Power		10KW	20KW	30KW	50KW	60KW	80KW	100KW	150KW	200KW
Working methods and principles		PWM (pulse width modulation) based on DSP accurate control technology and double built-in MCUs Complete isolation of the outout power supply								
AC Input	Phase	Three phase N+G								
	Voltage	AC220V/AC380V±20%								
	Frequency	50Hz/60Hz+5%								
DC Input	DC voltage	DC192V/DC220V/DC240V/DC384V				DC384V				
	Floating battery	13.6V of each battery x battery quantity [13.6Vx 16 batteries = 217.6V]								
	Cut-off voltage	10.8V of each battery x battery quantity [10.8Vx 16 batteries = 172.8V]								
AC Output	Phase	Three phase N+G								
	Voltage	AC220V/AC380V ± 1% (steady load)								
	Frequency	50Hz/60Hz+5%(mains) 50Hz+0.5% (battery)								
	Efficiency	≥90% (Load100%)								
	Output wave form	Sine wave								
	Total harmonic distortion	Linear load<3%. Non-linear loads<5%								
	Dynamic load voltage	<±5% (From 0 to 100%)								
	Instant recovery time	<100ms								
	Battery and mains switching	3S-5S				<4ms				
	Unbalanced voltage	<±3% <±1% (Unbalanced load voltage)								
System Specifications	Overload	120%, 20s; > 150%, 100ms				125%,20s;>150%,1s				
	Working efficiency	≥90% (load: 100%)								
	Computer communication	RS232/485 (SNMP Remote Monitoring Network Adapters)								
	Operating temperature	-10-40°C								
	Relative humidity (no condensation)	0.90% (no condensation)								
Structure	Noise from the machine 1M	40-50dB				50-60dB				
	Dimensions:D×W×H(mm)	580*750*920			608*728*1475		1138*795*1725		1138*945*1725	
	Weight (Kg)	180	220	300	470	620	680	730	954	980