

TD380 TCI Inverter

Alphapower

The TD380 is a high frequency, TCI inverter designed for outdoor applications and power transmission. The TD380 comes with a built-in bypass switch and input isolation offering a high level of security for critical AC loads and other devices and equipment.



Some key features include:

- TCI technology
- Pure Sine wave output
- Complete AC-DC isolation
- Built-in bypass switch
- Input power factor correction
- High efficiency
- Complete protection
- User friendly LCD and LED display
- RS232 and RS485 communication port
- Dry contacts

Product Specifications

	Model	TD380	
Input	DC Voltage	88 – 143V _{DC} @110V _{DC} 176 – 286V _{DC} @ 220V _{DC}	
	Frequency	50Hz ± 10%	
	AC Voltage	165 – 264V _{AC} @ 220V _{AC}	
	Power Factor	> 0.9	
	AC Bypass	165 – 264V _{AC} @ 220V _{AC}	
	AC Voltage	230V _{AC} ± 2%	
Output	AC Frequency	50Hz ± 1%	
	Power Factor	0.8	
	THD	< 3%	
	Efficiency	≤ 88%	
	Overload		125% for 10min 150% for 60sec
		Transfer Time	AC-DC: 0ms DC-Bypass: 10ms
Physical & Environment	Dimensions	19"2U	
	Weight Kg (lbs.)	10Kg / 12Kg (22 / 26.5)	
	Communication	RS485 + 4 x dry contacts	
	Safety	IP20	
	LVD	94.5V _{DC} / 189V _{DC}	
	Display	LED and LCD	
	Operating Temperature	-20 – 60°C (-4 – 140°F)	
	Isolation	2000V _{rms}	
Cooling	Thermal controlled fan		