



TAURMHL Series

Online 3Ph UPS Double Conversion

Characteristics:

- 480v Modular UPS 3ph without neutral.
- Rectifier and inverter with Three level technology
- 96% efficiency and 99% on Eco mode
- Power Factor 1.0
- Hot swap power modules and static switch
- Large colorful touch screen and mimic display
- power walk in capability.
- Bypass static and manual for maintenance.
- 3U 70 kW power modules
- High overload capability
- Flexible battery string configuration
- Redundancy N+N & N+1 for better availability

Designed to easily scale in power to protect any critical load on the data center, hospital and industry achieving maximum availability. The MHLseries has the latest full IGBT technology that guarantees high efficiency up to 96% with great overload capacity and very high harmonic distortion.

Reduced maximum < 2% THDu and <4% THDi input making this UPS one of the the most reliable offering excellent option for large and medium-sized infrastructures offering massive power and overload capacity in a very small space. Optional switch cabinet for easy installations



HEALTHCARE



INDUSTRY



NETWORKING



DATA-CENTERS



CRITICAL
LOADS

Specifications

MODEL		TAURMHL350K70X	TAURMHL700K70X		
System capacity		70 ~ 350 kW (up to 5 modules)	350 ~ 700 kW (up to 10 modules)		
Power module capacity		70 kVA / 70 kW (AB-TAURMHL70K)			
Input	Double conversion	Standar			
	Phases	Three Phase + Ground 480 Vac (line-line)			
	Voltage range	330 Vac~ 528 Vac			
	Nominal frequency	50/60 Hz (auto-sensing)			
	Frequency range	40 Hz ~ 70 Hz			
	Power Factor	> 0.99 at 100% load			
	THDi	< 4% @ 100% load			
Output	Nominal Voltage	3 x 480 Vac (3ph no neutral)			
	Voltage regulation	± 1% Typical (balance load)			
	Nominal Frecuancy	50/60 Hz			
	Frequency	0.1%			
	Power Factor	1			
	THDu	≤2% THD (lineal load) y ≤4% THD (non-lineal load)			
	Crest factor	3:1			
	Inverter overload	1 hour for 110%, 10 min for 125%, 1 min for 150%			
Battery	Voltage	+/- 192 V ~ +/-240 (selectable)			
	Battery number	12 Vdc x 32 / 36 / 40 units user selectable			
	Temp. compensation	yes			
	Charger current	18 amps maximum for each power module (user ajustable)			
	Battery cabinets	different sizes and power capabilities are offered for local solutions			
System	Efficiency	up to 99% ECO mode and up to 96% On Line mode.			
	Display	Colorful touch 10" LCD + mimic led display and touch buttons			
	Protection grade	IP 20			
	Interface	RS232, RS-485, programable Dry Contacts, USB			
	Options	SNMP Card, parallel kit, SPD, LBS, Dust filter			
	Temperature	Operation: 0 ~ 40 °C Storage: -12 ~ 70 °C			
	Relative Humidity	0 ~ 95% non-condensing			
	Altitud	<1000 m. full nominal power			
Noise (1 mtr)	up to 72 dB depending on the load				
Mechanic	Weight (kg)	Full cabinet	516	984	
		Power Module Battery module	44		
	Dimensions D*W*H(mm)	Cabinet	1100 x 600 x 2010	1100 x 900 x 2000	
		Power module Battery module	750 x 438 x 130 (3U)		External Battery Cabinets avialability
Standars	Safety	UL1778, CSA C22.2 No. 107.3-05			
	EMC	FCC Part 15, Sub-part B Class A			

*Specifications are subyet t ochange without previous notice

