



On Line UPS

AccuLine TNplus “m” series

KEY FEATURE

True double-conversion design with high adaptability to harsh mains conditions.

Output power factor 0.9

DSP design enables precise and reliable control

Compact size and ideal solution for Kiosk backup power

High efficiency results in energy saving
Programmable LCD display

Recharge to 90% battery capacity within 4 hours

USB HID enable communication without software



sinewave
output



built-in
batteries



LCD
display

97%

Efficiency
(ECO Mode)

AccuLine TNplus “m” series specifications

AccuLine Model		TNplus 1000m	TNplus 1000Lm	TNplus 2000m	TNplus 2000Lm	TNplus 3000m	TNplus 3000Lm
Capacity		1000VA/900W		2000VA/1800W		3000VA/2700W	
Input	Input Voltage Range	100 ~ 300 VAC					
	Frequency Range	45 Hz– 55 Hz/54 Hz – 66 Hz					
	Input Wiring	Single phase with ground					
	Current Distortion (THDi)	<5% (typical) @ 100% linear load					
Output	Output Power Factor	0.9					
	Nominal Output Voltage	220/230/240VAC					
	Voltage Regulation	± 2%					
	Frequency Range (Battery Mode)	50 / 60 ± 0.05Hz					
	Current Crest Ratio	3:1					
	Voltage Distortion (THDv)	< 1% @ linear load, < 5% @ non-linear load					
	Output Waveform	Pure sine wave					
	Parallel Operation	N/A					
Efficiency	Inverter Mode	>89%		>91%		>91%	
	ECO Mode	>97%					
Battery	Battery Type	12V / 9Ah	N/A	12V / 9Ah	N/A	12V / 9Ah	N/A
	Number of Internal Battery	2	N/A	4	N/A	6	N/A
	Rated Battery Voltage	24V		48V		72V	
	Backup Time	5 min	N/A	5 min	N/A	5 min	N/A
	Recharge Time (to 90%)	4 hour	N/A	4 hour	N/A	4 hour	N/A
	Charging Current	1.5A	6A	1.5A	6A	1.5A	6A
Transfer Time	Battery Mode ↔ Inverter Mode	0ms					
	Inverter Mode ↔ Bypass Mode	4ms (typical)					
Display		Programmable LCD					
Audible Alarm		Yes					
Dimension	WxHxD	144x229x345m	102x228x352	190x330x393m	102x327x396m	190x330x393m	102x327x396
Net Weight		9.4 kg	3.76 kg	17kg	6.00 kg	22.2 kg	6.08 kg
Environment	Operating Temperature & Humidity	0-40 °C / <95% non-condensing					
	Noise Level	50dB @ 1 meter					
Interface	USB	Yes					
	Communication Slot	Optional use of SNMP card, Relay card (dry contacts) or Modbus protocol card					
	Emergency Power Off	Yes					

* Specifications are subject to change without previous notice



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