

# UPS Med Grade Tower Line

Uninterruptible Power Supply for medical applications

- ▶ up to 15.5 minutes at full load runtime (with 350 VA load)
- ▶ Maintains sine-wave 230 V nominal output over an input range of 159 to 266 V
- ▶ USB-port, IEC320 plug & outlets
- ▶ with built-in isolation transformer
- ▶ Input: IEC320 C14 inlet (230 V) / Output: 6 IEC320 C13 (230 V)



The UPS series Med Grade Tower Line provide uninterruptible power supply. This system offer ideal UPS protection for applications in medical patient-care areas where CE/ IEC 60601-1 electrical medical equipment is required. The Line-interactive voltage regulation corrects brownouts as low as 159 V without using battery power.

The UPS Med Grade Tower Line Serie prevents shock potential and operational problems in sensitive electronic equipment. Complete power outages can be able bridged 15.5 minutes at full load runtime (with 350 VA load).



Changes and errors excepted.

**UPS Med Grade Tower Line**

Technical Data:	350VA	700VA	1000VA
Output Volt Amp and Watts Capacity:	350 VA / 225 W	700 VA / 450 W	1000 VA / 750 W
Nominal Voltage details:	230 V nominal inverter output voltage	230 V nominal inverter output voltage	230 V nominal inverter output voltage
Frequency compatibility:	50/ 60 Hz (auto-selectable)	50/ 60 Hz (auto-selectable)	50/ 60 Hz (auto-selectable)
Built-in UPS output receptacles:	6 C13 outlet(s)	6 C13 outlet(s)	6 C13 outlet(s)
Rated input current (at maximum load):	1.8 A	3.6 A	5 A
UPS input connection type:	C14 inlet	C14 inlet	C14 inlet
UPS Input cord length (m):	1.83 m	1.83 m	1.83 m
Recommended Electrical Service:	10 A 230 V	10 A 230 V	10 A 230 V
Battery full load runtime:	15.5 min. (225 W)	14.5 min. (450 W)	11 min. (750 W)
Battery half load runtime:	37 min. (115 W)	36 min. (225 W)	27.5 min. (375 W)
DC system voltage:	12 (VDC)	36 (VDC)	36 (VDC)
Battery recharge rate (included batteries):	Less than 7.2 hours from 10% to 90%	Less than 3.6 hours from 10% to 90%	Less than 4.5 hours from 10% to 90%
Line / battery transfer time:	5 - 8 milliseconds	5 - 8 milliseconds	2 - 4 milliseconds
Typical battery lifespan:	3-6 years, depending on usage		
LED Indicators:	4 LEDs indicate line power, battery power, overload and battery low/ replace status	5 LEDs indicate line power, battery power, overload and battery low/ replace status	5 LEDs indicate line power, battery power, overload and battery low/ replace status
Alarms:	Audible alarm indicates power failure conditions, silenceable via alarm cancel switch. Once cancelled, alarm will resume when approximately 2 minutes of battery operation remain (assuming full load)	3 function audible alarm indicates power failure conditions (4 short beeps every 10 seconds), overload (continuous short beeps) and low battery (continuous tone)	3 function audible alarm indicates power failure conditions (4 short beeps every 10 seconds), overload (continuous short beeps) and low battery (continuous tone)
Dataline suppression:	2-Line Tel/ DSL	–	–
Mounting options:	Wallmount (UPSWM - tower mounting kit)		
UPS / Power Module dimensions (H x B x T):	269 x 131 x 188 mm	325 x 190 x 229 mm	323 x 190 x 231 mm
UPS / Power Module weight:	11.5 kg	19.1 kg	20.7 kg
Shipping weight:	12.3 kg	20.4 kg	22 kg
UPS housing material:	PVC		
Communications interface:	USB	USB; DB9 Serial	USB; DB9 Serial
Special features:	Cold-start operation supported (startup in battery mode during a power failure)	Cold-start operation supported (startup in battery mode during a power failure)	Back panel grounding lug; Cold-start operation supported (startup in battery mode during a power failure)
Standards:	CE/ IEC 60601-1, Class B (emissions)	CE/IEC 60601-1, FCC Class B (Emissions)	CE, IEC 60601-1, Class B (Emissions)
Warranty:	2 years		
Optional products:	–	–	BP36V15-2U - External Battery Pack BP36V42-3U - External Battery Pack

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