

# ExTell Magna Pro 15kVA Internal Battery Tower UPS, 3:3 Phase, PF 1.0

Reference Standard- Safety : IEC/EN 62040-1; EMC: IEC/EN 62040-2;  
Performance: IEC/EN 62040-3



## Features

- High power density design
- Can parallel upto 8 units
- Online double conversion with DSP control
- Input current harmonic:<3%
- Wide input voltage range: 152~478Vac
- Wide input frequency range 40~70Hz
- Combinations of 80 Internal 12V/9Ah VRLA Battery for optimum space utilization
- Efficient Battery Management with Smart Charging Control Function
- Supports Battery Cold Start Function
- 7 Inch Touch LCD Screen with Advanced Monitoring functions
- Versatile LCD human-computer interface
- Generator compatible
- ECO mode operation for energy saving
- Intelligent fan speed regulation
- Self-testing when UPS startup
- 50/60Hz frequency converter mode
- Built In Battery Models with Expansion Capacity
- Multiple protection function:short-circuit,overload,overheat, battery overcharge and overdischarge,output low voltage and fan fault alarm
- Multiple communication interface:USB, RS232,RS485, Parallel port, Dry contact, Intelligent slot, SNMP card (Optional), Relay card (Optional),Battery temperature sensor (Optional)

## Additional Accessories



Optimized Battery Configuration 7Ah/9Ah (12V)



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## Technical Specifications

Model		E015MPIT33-80
Capacity		15kVA / 15kW
<b>Input</b>		
Nominal Voltage		380/400/415VAC (3Ph+N+PE)
Operating Voltage Range		152 ~ 478VAc
Operating Frequency Range		40~70Hz (50/60Hz Auto-Sensing)
Power Factor		≥0.99
Bypass Voltage Range		Upper limit: 380V+25% (+10%, +15%, +20%, settable); 400V+20% (+10%, +15%,settable); 415V+15% (+10%, settable); Lower limit: -45% (-10%, -20%, -30%, settable)
<b>Frequency</b>		
Frequency Protection Range		50/60Hz±10%
ECO range		Same as bypass
Harmonic distortion (THDi)		≤2% 100% Linear load
<b>Output</b>		
Output Voltage		380/400/415Vac (3Ph+N+PE)
Voltage Regulation		± 1%
Power Factor		1.0
Voltage Regulation	Line Mode	±1%/±2%/±4%/±5%/±10% of the rated frequency (Optional)
	Bat. Mode	(50/60±0.1%) Hz
Transfer Time	AC mode to Bat. Mode	0ms
	Inverter to Bypass	0ms
Output Waveform		Pure Sinewave
Crest Factor		3:1
Harmonic distortion (THDv)		≤2% Linear load ≤5% Non linear load
Overload	AC mode	≤110%, last 60min; ≤125%, last 10min; ≤150%, last 1min; >150% turn to bypass Immediately
	Bat.mode	≤110%, last 10min; ≤125%, last 1min; ≤150%, last 5s; >150% turn to bypass Immediately
<b>Efficiency</b>		
Efficiency		up to 96.0%



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## Technical Specifications

Model		E015MPIT33-80
Capacity		15kVA / 15kW
<b>Output</b>		
Battery Voltage	Internal unit	±240VDC
Charge Current	Internal unit	1-5A - Configurable
Number of Batteries		40 Pcs x 12V/9Ah x 2 Strings
<b>Physical</b>		
Dimension W x D x H (mm)		380 x 938 x 1066
Net weight (kg)		281
<b>Environmental</b>		
Operating Temperature		0°C ~ 40°C
Storage Temperature		-25°C ~ 55°C (No battery)
Humidity Range		0~95% (Non condensing)
Altitude		<1500m, derating required when >1500m
Noise Level		<52dB

