



# MILLI PT 33 EB

From 10 to 250 kW with external batteries, the MILLI PT is a Swiss made three phase in three phase out online double-conversion Uninterruptible Power Supply.



Energy Efficient



Unlocked software



2 year warranty

METARTEC'S

# MILLI PT 33 IB

The MILLI PT EB offers scalability of up to 7.5 MW, delivering the best power protection for data centres, comms rooms, IT networks, manufacturing and any mission-critical applications demanding high availability.

## UNIQUE FEATURE

Integrated autonomies or matching battery cabinets. Flexible battery blocks (20 to 50) and compatible with VRLA, NiCad and Lithium batteries. Dual or single input, high overload rating, a high-power density -up to 415kW/m<sup>2</sup> and unbeatable efficiency of 96.6%.

## DESIGN

The MILLI PT is designed for easy front access with swappable plug and play components. A user-friendly display and real time monitoring allows close control of UPS parameters and proactive maintenance. A version that is EN50171 compliant is available for Centralised Power Safety Systems.

## EFFICIENCY

A high efficiency UPS rated at 96.6% in online mode.

## EXPANDABILITY

The MILLI PT IB is scalable from 10kW to 3.6MW.



<b>MILLI PT</b>	<b>MILLI PT 33 10-EB</b>	<b>MILLI PT 33 020-EB</b>	<b>MILLI PT 33 030-EIB</b>	<b>MILLI PT 33 040-EB</b>	<b>MILLI PT 33 060-EB</b>
Capacity kW	10	20	30	40	60
<b>INPUT</b>					
Voltage	380V/400V/415V (Line-Line)				
Voltage range	220V/230V /240V (line to neutral)				
Frequency range	40-70Hz				
Input current THDi*	THDi <3% for linear load, THDi <5% for nonlinear load				
Power factor	>0.99				
<b>OUTPUT</b>					
Output voltage	380V/400V/415V (line to line)				
Voltage regulation	±1%				
THDu	<2%(linear load), <3%(nonlinear load)				
Power factor	1				
Frequency range	50/60Hz				
Frequency	±0.1% Battery Mode				
Overload capac.	120% continuous; 125% for 10 minutes; 150% for 1 minute; >150% for 200ms				
<b>BATTERY</b>					
Voltage	±180VDC to ±300VDC				
Charger power	20	20	40	40	40
Voltage precision	±1%				
<b>SYSTEM</b>					
Efficiency	Double Conversion 97%				
Display	Colour LCD Touch Screen+ LED				
IP class	IP20				
Interface	Standard: RS232, RS485, Dry contactor, SNMP card, EPO and Bluetooth				
Operation/ storage °C	0-40°C/ -40°C-70°C				
Relative humidity	0-95% (non-condensing)				
Noise	<65 dB				
<b>DIMENSIONS</b>					
Weight kg	321	321	537	537	537
Width mm	520	520	520	520	520
Depth mm	850	850	850	850	850
Height mm	1725	1725	1725	1725	1725

<b>MILLI PT</b>	MILLI PT 33 080-EB	MILLI PT 33 100-EB	MILLI PT 33 120-EIB	MILLI PT 33 160-EB	MILLI PT 33 200-EB	MILLI PT 33 250-EB
Capacity kW	80	100	120	160	200	250
<b>INPUT</b>						
Voltage	380V/400V/415V (Line-Line)					
Voltage range	220V/230V /240V (line to neutral)					
Frequency range	40-70Hz					
Input current THDi*	THDi <3% for linear load, THDi <5% for nonlinear load					
Power factor	>0.99					
<b>OUTPUT</b>						
Output voltage	380V/400V/415V (line to line)					
Voltage regulation	±1%					
THDu	<2%(linear load), <3%(nonlinear load)					
Power factor	1					
Frequency range	50/60Hz					
Frequency	±0.1% Battery Mode					
Overload capac.	120% continuous; 125% for 10 minutes; 150% for 1 minute; >150% for 200ms					
<b>BATTERY</b>						
Voltage	±180VDC to ±300VDC					
Charger power	64	80	96	120	160	160
Voltage precision	±1%					
<b>SYSTEM</b>						
Efficiency	Double Conversion 97%					
Display	Colour LCD Touch Screen+ LED					
IP class	IP20					
Interface	Standard: RS232, RS485, Dry contactor, SNMP card, EPO and Bluetooth					
Operation/ storage °C	0-40°C/ -40°C-70°C					
Relative humidity	0-95% (non-condensing)					
Noise	<78 dB					
<b>DIMENSIONS</b>						
Weight kg	205	220	227	440	460	480
Width mm	604	604	604	900	900	900
Depth mm	600	600	600	682	682	682
Height mm	1990	1990	1990	1990	1990	1990