

The **Volt MN Line** is a professional-grade series of 1/1 **Online UPS** systems (single-phase input/single-phase output) designed for high-frequency, double-conversion power protection.



Auto Start
After the
Interruption

Cold Start
From Battery
Without Grid

Wide Entry
Voltage Range
110-300 VAC

**Full
Protection**
Short Circuit
and Overload

**High
Entrance**
Power Factor
(0.99)

**High
Output**
Power Factor
(0.9)

DSP
Micro Processor

**High
Energy
Savings**

**Smart
Battery
Management**

Eco Mode

**Sine Wave
Output**

**Generator
Combability**

GENERAL FEATURES

- ◆ High Frequency and True Double-Conversion
- ◆ DSP (Digital Signal Processors) Technology
- ◆ For computers and electrical precision equipment
- ◆ Full sine wave output, clean energy
- ◆ Input Power Factor Correction (PFC)
- ◆ Wide Input Voltage Range (110~300V)
- ◆ Output Power Factor 0.9
- ◆ Cold Start
- ◆ Auto Start
- ◆ Automatic Charging in Off Mode
- ◆ Auto Sensing Frequency
- ◆ ECO Mode Operation for Energy Saving
- ◆ Load Sensing Fan Speed
- ◆ Advanced Battery Management (ABM)
- ◆ Short Circuit and Overload Protection
- ◆ Generator Compability
- ◆ Standard RS232 Communication Port and RJ45 Protection
- ◆ USB/SNMP Communication Port (Optional)
- ◆ Emergency Power Off (EPO) (Optional)
- ◆ Compability to N+X Parallel Operation (Optional)

TECHNICAL FEATURES

Capacity / Power	6 kVA / 6000 W	10 kVA / 10000 W
Input		
Input Voltage	208 / 220 / 230 / 240 C	
Operating Voltage Range	110 ~ 176 C neer Dec ne at 50% and 100% oad);	
Operating Frequency Range	40 ~ 70 Hz utomat c Sens ng)	
o er Factor	O.	
ypass Voltage Range	25% ~ 15% Se ectab e)	
Generator Compability	Compat b e	
Output		
Output Voltage	208 / 220 / 230 / 240 C Se ectab e)	
Voltage Regulation	±1%	
Frequency Range	45 ~ 55 Hz or 55 ~ 65 Hz Synchron zed); 50 / 60 Hz ±0.1 Hz Battery Mode)	
Wave Form	S ne Wave	
Crest Factor	3:1	
armonic Distortion	2% t neer oad); 5% t on neer oad)	
Transfer Time	On ne Mode Battery Mode: 0 ms	
Over Load Capacity	105% ~ 125%: 3 m n. Then to Bypass) 125% ~ 150%: 30 sec. Then to Bypass) >150%: 100 ms. Then to Bypass)	
Efficiency		
Online Mode	0%	
attery Mode	85%	
ECO Mode	5%	
attery		
attery Voltage	1 2 240	
Internal attery	16 7 h 6) 20 h 10)	
Charging Current	3,5 / 7	
Typical Charcing Time	8 Hours 0% Capac ty)	
System Specifications		
Charging Current	Smart Charging System	
Smart Alarm System	va ab e	
LED / LCD Display	CD Screen	
Alarm		
Online Mode Fault	ud b e arm at 4 sec Per ods	
Lo attery Voltage	ud b e arm at 1 sec Per ods	
Over Load	2 T mes ud b e arm at 1 sec Per ods	
S Fault	Cont nuous ud b e arm	
Enviromental		
Operating Temperature	0 ~ 40QC	
Relative umidity	0 ~ 0% on Condens ng)	
oise Level	50 dB 1m)	
Communication		
RS232 {Standard} / S {Optional}	W ndows® 8/2000/2003/ P/ sta/2008/W ndows®7/8/10	
S M {Optional}	Power Management w th S MP and Web Browser	
International Safety Standards		
Lo Voltage Directive-LVD	Compat b e to Re ated CE Standarts	
Electro Magnetic Compability-EMC	Compat b e to Re ated CE Standarts	
Dimensions & Weight		
WxDx {mm}	262x514x735	
et Weight {kg}	60	70

Dotvolt A.S. has the right to change the model, visual and technical specification information of the products without prior notice.

Dotvolt A.S. has the right to change the model, visual and technical specification information of the products without prior notice.