

ESIS POWER ENERGY

ONLINE UPS

RELIABLE POWER BACKUP
FOR CRITICAL INFRASTRUCTURE



Voltify One 48V



True Double
Conversion



DSP
Technology



Parallel
Operation



ECO Mode &
High Efficiency



LCD Display &
EPO Function

SPECIFICATION

MODEL	Voltify One 3KE - 48 V	Voltify One 5KE - 48 V
CAPACITY	3000VA/3000W	5000VA/5000W
INPUT		
Voltage	230 VAC	
Voltage Range	110-280 VAC	
Frequency Range	46~54 Hz or 56~64 Hz	
Power Factor	≧ 0.98 @ Nominal Voltage (100% Load)	
THDi	≦ 10%	
OUTPUT		
Output Voltage	230 VAC ± 5%	
Frequency Range (Synchronized Range)	46~54 Hz or 56~64 Hz	
Frequency Range (Batt. Mode)	50 Hz ± 0.1 Hz or 60Hz ± 0.1 Hz	
Harmonic Distortion	≦ 3% THD (Linear Load), ≦ 5 % THD (Non-linear Load)	
Transfer Time	AC Mode to Batt. Mode	0ms
	Inverter to Bypass	4 ms (Typical)
Waveform	Pure Sinewave	
EFFICIENCY		
Line Mode	93%	
ECO Mode	98%	
Battery Mode	93%	
BATTERY		
Battery Voltage	48 VDC	
Operating Voltage Range	40~66 VDC	
Floating Charge Voltage	54 VDC	
Overcharge Protection	66 VDC	
Charging Current (max.)	60 A	
PHYSICAL		
Dimension, D x W x H(mm)	450 x 190 x 336	
Net Weight (kgs)	14	15
Communication Interface	RS232 & USB	
OPERATING ENVIRONMENT		
Humidity	0 to 95% Relative Humidity(Non-condensing)	
Operating Temperature	0°C to 50°C	
Storage Temperature	-15°C to 60°C	

ESIS Power Energy reserves the right to modify these details at any time without prior notification.