

## FDC-2000T

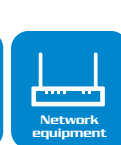
The EOS series of UPS units have been conceived for true on-line operation with pure sine wave output and zero transfer time.



An innovative and revolutionary design makes this one of the smallest, yet most powerful units in the market with the highest level of protection to mission-critical equipment. Double conversion topology ensures that all connected equipment is isolated from any potential power problems caused by the incoming AC source. Available with capacities of 1000VA and 2000VA, along with a multifunction LCD touchscreen, the EOS series stands out as a reliable and highly-efficient line of UPS systems, backed by ease of use and the quick relay of system vitals.

### Highlights

- State-of-the art touch digital display provides unmatched access for monitoring and managing the UPS system
- Small compact design
- True double-conversion topology
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor of 0.9
- Converter mode available
- ECO mode for energy saving
- Generator compatible
- Smart SNMP card works with USB and RS-232 ports simultaneously



Ideal for

# 2000VA

PROTECTION LEVEL 6

- + Breaker
- + Surge Protector
- + Voltage Protector
- + Voltage Regulator
- + Power Back up
- + Double Conversion Online

MPN	FDC-2000T
<b>General</b>	
Capacity	2000VA/1800W
Topology	Double conversion
<b>Input</b>	
Nominal voltage	100-127VAC
Voltage range (low line transfer)	55VAC $\pm$ 5% at 50% load / 85VAC $\pm$ 5% at 100% load
Voltage range (low line comeback)	Low line transfer voltage + 15V
Voltage range (high line transfer)	300VAC $\pm$ 5%
Voltage range (high line comeback)	High line transfer voltage - 10V
Frequency	40Hz-70Hz
Power factor	0.9
Total harmonic distortion (THDi)	$\leq$ 10% at 100% load THDU <1.6%
AC plug style	NEMA 5-15P
<b>Output</b>	
Nominal voltage	100-127VAC
AC voltage regulation (battery mode)	$\pm$ 1%
Frequency (synchronized range)	47Hz-53Hz or 57Hz-63Hz
Frequency (battery mode)	50Hz $\pm$ 0.25Hz or 60Hz $\pm$ 0.3Hz
Power factor	0.99 at 100% load
Efficiency (AC mode)	$\geq$ 88%
Efficiency (battery mode)	$\geq$ 85%
Overload	105%-110%: 10min / 110%-130%: 1min / >130%: 3sec
Transfer time (line to battery)	0ms
Transfer time (inverter to bypass)	4ms
Crest ratio	3:1 (max)
Harmonic distortion	$\leq$ 3% THD (linear load) / $\leq$ 6% THD (non-linear load)
Waveform	Pure sine wave
Total outlets	Four 5-20R
<b>Battery</b>	
Battery type and quantity	12V / 9Ah (4)
Recharge time	4 hours to 90% capacity
Charging current	1A $\pm$ 10% (max)
Charging voltage	54.8VDC $\pm$ 1%
<b>Communications</b>	
LCD display	Integrated 3in LCD touchscreen
Audible	Battery mode: Sounds every 4 seconds Low battery: Sounds every second Overload: Sounds every 0.5 second Fault: Continuous sound
Communication ports	RS-232, USB
Power management software	ForzaTracker
<b>Environment</b>	
Operating temperature	32°F-104°F
Storage temperature	UPS: -4°F-122°F
Relative humidity	20-90% non-condensing
Operating altitude	<1000m Every 100m above 1000m decreases output power 1% up to 4000m
Audible noise	<50dB at 1 meter
<b>Physical appearance</b>	
Dimensions	15.6x5.7x8.7in
Weight	38lb
<b>Additional information</b>	
Warranty	Three years*

\* Limited to two years on batteries

