



Efficient **Powerful** **Personalized**

Green EC Fans

Maximize airflow while minimizing energy consumption with Sunon's new Green EC fans. Optimized using cutting-edge aerodynamic engineering, our centrifugal EC series has motor efficiencies over 94% !

Application :

- HVAC
- Commercial Refrigeration
- Industrial Equipment
- Renewable Energy (ESS, & EV Chargers)
- Data Centers & IT Cooling

- ✓ **Smart Speed Control**
Built-in 0-10 VDC, PWM control ; supports RS485 MODBUS protocol to precisely control airflow.
- ✓ **Protected against the elements**
Fans are rated against dust, water, and even explosions.
- ✓ **Customizable for your system**
All Sunon fans can be customized to meet your unique HVAC needs.
 - Speed • Size • Voltage
 - Connectors • Ingress protection

Sample requests available now
Mass production begins Oct 2025



EC500



EC355



SUNON®

Green EC Fans



Axial Fan Series

	Model	Bearing	Rated Voltage (VAC)	Freq. (Hz)	Power Current (A)	Power Consumption (W)	Fan Speed (RPM)	Air Flow (CFM / m³/h)	Static Pressure (In-H2O / Pa)	Noise (dB(A))
*EC 400	CFAP340FE-10000-IJ9	Ball	1~ 200-277	50 / 60	1.89	500	1760	2700 / 4590	0.48 / 120	79
EC 500	CFAA349KG-10000-IJ9	Ball	1~ 200-277	50 / 60	2.23	824	1600	2426 / 4125	0.96 / 239	82
	CFAP550KG-10000-IJ9	Ball	3~ 380/480	50 / 60	2.23	509	1600	2426 / 4125	0.96 / 239	82
EC 630	CFAP563MG-10000-IJ9	Ball	3~ 380/480	50 / 60	1.10	1020	1255	5000 / 8503	0.97 / 241	73
EC 710	CFAP571MH-10000-IJ9	Ball	3~ 380/480	50 / 60	3.20	2875	1260	11800 / 20060	0.65 / 162	79
	CFAP571MH-10000-IJ9	Ball	3~ 380/480	50 / 60	3.32	3100	1320	11500 / 19550	1.20 / 300	86
EC 800	CFAP580NH-10000-IJ9	Ball	3~ 380/480	50 / 60	4.25	3000	1200	14705 / 32600	0.80 / 200	89
EC 910	CFAP591PH-10000-IJ9	Ball	3~ 380/480	50 / 60	2.90	3000	1100	14800 / 25160	0.70 / 175	81

- Impeller : Plastic PA66
- Insulation : Class F
- Insulation : Class B (*EC 400)

- Operation and Fault Indicator (FG / RD)
- Control Input 0-10 VDC / PWM or 4-20mA
- RS 485 MODBUS-RTU

- Protection : IP55
- Safety : UL / TUV/ CE/ CCC

* Sample requests available now mass production begins Oct 2025.

* If you need special specification. Please contact SUNON sales.

* Specifications in this catalog are for reference, please contact SUNON sales for further information such as quotation and lead time.

* There is no notice in advance about any changes in specifications in this catalog, please refer to datasheet provided by SUNON sales.

Centrifugal Fan Series

	Model	Bearing	Rated Voltage (VAC)	Freq. (Hz)	Power Current (A)	Power Consumption (W)	Fan Speed (RPM)	Air Flow (CFM / m³/h)	Static Pressure (In-H2O / Pa)	Noise (dB(A))
EC 310	CBIP331LE-10000-IJ9	Ball	1~ 200-277	50 / 60	1.40	530	2500	1440 / 2448	1.92 / 480	72
	CBIP531ME-10000-IJ9	Ball	3~380-480	50 / 60	1.60	1000	3060	1990 / 3383	3.64 / 908	84
EC 355	CBIP335LE-10000-IJ9	Ball	1~ 200-277	50 / 60	1.25	430	2000	2515 / 4273	1.82 / 453	70
	CBIP535LG-10000-IJ9	Ball	3~380-480	50 / 60	1.72	1500	2400	3500 / 5947	5.21 / 1298	79
	CBIP535MG-10000-IJ9	Ball	3~ 380-480	50 / 60	2.74	2500	3200	4821 / 8191	6.82 / 1699	100
	CBIP535PG-10000-IJ9	Ball	3~380-480	50 / 60	3.25	3650	3550	4998 / 8492	7.62 / 1868	105
EC 400	CBIP540MG-10000-IJ9	Ball	3~ 380/480	50 / 60	2.23	1500	2610	4600 / 7815	4.01 / 999	90
EC 500	CBIP550RH-10000-IJ9	Ball	3~ 380/480	50 / 60	2.56	3000	2240	4705 / 7998	3.29 / 820	88
EC 560	CBIA556RH-10000-IJ9	Ball	3~ 380/480	50 / 60	4.12	4000	1990	7180 / 12206	3.71 / 925	92
EC 630	CBIA563RH-10000-IJ9	Ball	3~ 380/480	50 / 60	3.49	4000	1650	7500 / 12750	3.01 / 750	90

- Impeller : Metal
- Insulation : Class F

- Operation and Fault Indicator (FG / RD)
- Control Input 0-10 VDC / PWM or 4-20mA
- RS 485 MODBUS-RTU

- Protection : IP55
- Safety : UL / TUV/ CE/ CCC

* Sample requests available now mass production begins Oct 2025.

* If you need special specification. Please contact SUNON sales.

* Specifications in this catalog are for reference, please contact SUNON sales for further information such as quotation and lead time.

* There is no notice in advance about any changes in specifications in this catalog, please refer to datasheet provided by SUNON sales.

