

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapters 1 and 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-02-003;

**IT IS ORDERED AND RESOLVED:** That the following engine and emission control systems produced by the manufacturer are certified for use in small off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (cc)	ENGINE CLASS	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)
2014	EZYPS.1961GA	196	4-stroke, >80 cc - <225 cc	Gasoline, LPG and Dual Fuels (Gasoline and LPG)
DURABILITY HOURS	SPECIAL FEATURES & EMISSION CONTROL SYSTEMS		TYPICAL EQUIPMENT APPLICATION	
250	EM		Pump, Pressure Washer, Generator Set, Other OEM Equipment	
ENGINE CODES/MODELS (rated power in kilowatt, kW)	See Attachment			
<small>ABBREVIATIONS: EM=engine modification TWC/OC=three-way/oxidizing catalyst WUTWC/WUOC=warm-up TWC/OC O2S=oxygen sensor HO2S=heated O2S EGR=exhaust gas recirculation AIR=secondary air injection PAIR=pulsed AIR MFI=multi port fuel injection SFI=sequential MFI TBI=throttle body fuel injection DFI=direct fuel injection TC/SC=turbo/super charger CAC=charge air cooler 2(prefix)=parallel 2(suffix)=in series ECM=engine control module</small>				

The following are the hydrocarbon plus oxides of nitrogen (HC+NOx), carbon monoxide (CO), and particulate matter (PM) emission standards (Title 13, California Code of Regulations, (13 CCR) Section 2403(b)), and certification emission levels for this engine family in grams per kilowatt-hour (g/kW-hr). Engines within this engine family shall have closed crankcases in conformance with Section 90.109 of the "California Exhaust Emission Standards and Test Procedures for 2005 and Later Small Off-Road Engines," adopted July 26, 2004.

*=not applicable	HC+NOx (g/kW-hr)	CO (g/kW-hr)	PM (g/kW-hr)
STANDARD	10.0	549	*
FAMILY EMISSION LEVEL	*	*	*
CERTIFICATION LEVEL	8.5	312	*

**BE IT FURTHER RESOLVED:** That the family emission level(s) (FELs), as applicable, is an emission limit declared by the manufacturer for use in the averaging, banking and trading program and in lieu of an emission standard for certification. It serves as the applicable emission standard for determining compliance of any engine within this engine family under 13 CCR Sections 2403(e)(1) and 2407(a).

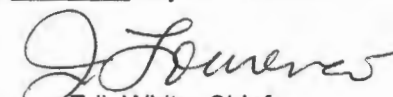
**BE IT FURTHER RESOLVED:** That for the listed engines, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Section 2404 (emission control labels) and 13 CCR Sections 2405 and 2406 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

Quarterly reports of engines produced in this engine family for sale in California shall be submitted to the Executive Officer no later than 45 days after the end of each calendar quarter.

**This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.**

Executed at El Monte, California on this 16<sup>th</sup> day of December 2013.

  
 Erik White, Chief  
 Mobile Source Operations Division

Model Year: 2014  
 Manufacturer: Zhejiang Yaofeng Power Technology Co.,  
 Engine Family: EZYPS.1961GA

Attachment 1 of 8

Issued:  
 Revised: 7/1/2014  
 E.O. Number: U-U-220-0023

**Small Off-Road Engine Model Summary Form**

Units for Table: kW RC1 -  
 07-02-14

Worst Case?	47. Model Designation	48. Sales Code	49. Displ (cc)	50. Bore/Stroke	51. Ignition Timing	52. Max Power	53. Rated Speed (RPM)	54. Rated Torque	55. Torque Speed (RPM)	56. Emiss Control Sys
X	YF168FD-2-L_G	50-State	196	68/54	12BTDC	4.5	3600	11N.m	2800	EM Gasoline
						3.5	3600	11.7N.m	2800	LPG
	YF168F-2-221	50-State	196	68/54	12BTDC	4.5	3600	11N.m	2800	EM
	YF168F-2-220	50-State	196	68/54	12BTDC	4.5	3600	11N.m	2800	EM
	YF168F-2-000	50-State	196	68/54	12BTDC	4.5	3600	11N.m	2800	EM
	YF168F-2-001	50-State	196	68/54	12BTDC	4.5	3600	11N.m	2800	EM
	YF168FD-2-111	50-State	196	68/54	12BTDC	4.5	3600	11N.m	2800	EM

Model Year: 2014  
Manufacturer: Zhejiang Yaofeng Power Technology Co.,  
Engine Family: EZYPS.1961GA

Attachment 2 of 8

Issued:  
Revised: 7/1/2014  
E.O. Number: U-U-220-0023

**Small Off-Road Engine Model Summary Form**

RC-1

Units for Table: 07-02-14

Worst Case?	47. Model Designation	48. Sales Code	49. Displ (cc)	50. Bore/Stroke	51. Ignition Timing	52. Max Power	53. Rated Speed (RPM)	54. Rated Torque	55. Torque Speed (RPM)	56. Emiss Control Sys
	YF168FD-2-110	50-State	196	68/54	12BTDC	4.5kW	3600	11N.m	2800	EM
	YF168FD-2-220	50-State	196	68/54	12BTDC	4.5kW	3600	11N.m	2800	EM
	YF168FD-2-011	50-State	196	68/54	12BTDC	4.5kW	3600	11N.m	2800	EM
	YF168FD-2-210	50-State	196	68/54	12BTDC	4.5kW	3600	11N.m	2800	EM

Model Year: 2014  
Manufacturer: Zhejiang Yaofeng Power Technology Co.,  
Engine Family: EZYPS.1961GA

Attachment 3 of 8

Issued:  
Revised: 7/1/2014  
E.O. Number: U-U-220-0033

**Small Off-Road Engine Model Summary Form**

RC 1 07-02-14  
Units for Table:

Worst Case?	47. Model Designation	48. Sales Code	49. Displ (cc)	50. Bore/Stroke	51. Ignition Timing	52. Max Power	53. Rated Speed (RPM)	54. Rated Torque	55. Torque Speed (RPM)	56. Emiss Control Sys
	YF168FD-2-211	50-State	196	68/54	12BTDC	4.5kW	3600	11N.m	2800	EM
	YF168FD-2-010	50-State	196	68/54	12BTDC	4.5kW	3600	11N.m	2800	EM
	YF168FD-2-221	50-State	196	68/54	12BTDC	4.5kW	3600	11N.m	2800	EM
	YF168FD-2-LPG-010	50-State	196	68/54	12BTDC	3.5kW	3600	11.7N.m	2800	EM
	YF168FD-2-LPG-210	50-State	196	68/54	12BTDC	3.5kW	3600	11.7N.m	2800	EM

Model Year: 2014  
 Manufacturer: Zhejiang Yaofeng Power Technology Co.,  
 Engine Family: EZYPS.1961GA

*Attachment 4 of 8*

Issued: 7/1/2014  
 Revised: U-U-220-0023  
 E.O. Number: RC 1 07-02-14

**Small Off-Road Engine Model Summary Form**

Units for Table:

Worst Case?	47. Model Designation	48. Sales Code	49. Displ (cc)	50. Bore/Stroke	51. Ignition Timing	52. Max Power	53. Rated Speed (RPM)	54. Rated Torque	55. Torque Speed (RPM)	56. Emiss Control Sys
	YF168FD-2-LPG-120	50-State	196	68/54	12BTDC	3.5kW	3600	11.7N.m	2800	EM
	YF168FD-2-LPG-110	50-State	196	68/54	12BTDC	3.5kW	3600	11.7N.m	2800	EM
	YF168FD-2-LPG-020	50-State	196	68/54	12BTDC	3.5kW	3600	11.7N.m	2800	EM
	YF168FD-2-LPG-220	50-State	196	68/54	12BTDC	3.5kW	3600	11.7N.m	2800	EM
	YF172F-000	50-State	224	72/55	12BTDC	5.1kW	4000	12.6N.m	2800	EM
	YF172F-001	50-State	224	72/55	12BTDC	5.1kW	4000	12.6N.m	2800	EM
	YF172F-220	50-State	224	72/55	12BTDC	5.1kW	4000	12.6N.m	2800	EM
	YF172F-221	50-State	224	72/55	12BTDC	5.1kW	4000	12.6N.m	2800	EM

Model Year: 2014  
Manufacturer: Zhejiang Yaofeng Power Technology Co.,  
Engine Family: EZYPS.1961GA

Attachment 5 of 8

Issued:  
Revised: 7/1/2014  
E.O. Number:

U-U-220-0023  
RC1 07-02-14

**Small Off-Road Engine Model Summary Form**

Units for Table:

Worst Case?	47. Model Designation	48. Sales Code	49. Displ (cc)	50. Bore/ Stroke	51. Ignition Timing	52. Max Power	53. Rated Speed (RPM)	54. Rated Torque	55. Torque Speed (RPM)	56. Emiss Control Sys
	YF172FD-010	50-State	224	72/55	12BTDC	5.1kW	4000	12.6N.m	2800	EM
	YF172FD-210	50-State	224	72/55	12BTDC	5.1kW	4000	12.6N.m	2800	EM
	YF172FD-011	50-State	224	72/55	12BTDC	5.1kW	4000	12.6N.m	2800	EM
	YF172FD-111	50-State	224	72/55	12BTDC	5.1kW	4000	12.6N.m	2800	EM

Model Year: 2014  
Manufacturer: Zhejiang Yaofeng Power Technology Co.,  
Engine Family: EZYPS.1961GA

Attachment 6 of 8

Issued:  
Revised: 7/1/2014  
E.O. Number:

U-U-220-0023 07-02-14

RC 1

**Small Off-Road Engine Model Summary Form**

Units for Table:

Worst Case?	47. Model Designation	48. Sales Code	49. Displ (cc)	50. Bore/Stroke	51. Ignition Timing	52. Max Power	53. Rated Speed (RPM)	54. Rated Torque	55. Torque Speed (RPM)	56. Emiss Control Sys
	YF172FD-211	50-State	224	72/55	12BTDC	5.1kW	4000	12.6N.m	2800	EM
	YF172FD-221	50-State	224	72/55	12BTDC	5.1kW	4000	12.6N.m	2800	EM
	YF172FD-110	50-State	224	72/55	12BTDC	5.1kW	4000	12.6N.m	2800	EM
	YF172FD-220	50-State	224	72/55	12BTDC	5.1kW	4000	12.6N.m	2800	EM

Model Year: 2014  
 Manufacturer: Zhejiang Yaofeng Power Technology Co.,  
 Engine Family: EZYPS.1961GA

*Attachment 7 of 8*

Issued:  
 Revised: 7/1/2014  
 E.O. Number:

*U-4-220-0023 RC1 07-02-14*

**Small Off-Road Engine Model Summary Form**

Units for Table:

Worst Case?	47. Model Designation	48. Sales Code	49. Displ (cc)	50. Bore/ Stroke	51. Ignition Timing	52. Max Power	53. Rated Speed (RPM)	54. Rated Torque	55. Torque Speed (RPM)	56. Emiss Control Sys
	YF172FD-L_G-010	50-State	224	72/55	12BTDC	5.1kW 4kW	4000	12.6N.m	2800	EM Gasoline LPG
	YF172FD-L_G-110	50-State	224	72/55	12BTDC	5.1kW 4kW	4000	12.6N.m	2800	EM Gasoline LPG
	YF172FD-L_G-210	50-State	224	72/55	12BTDC	5.1kW 4kW	4000	12.6N.m	2800	EM Gasoline LPG
	YF172FD-L_G-020	50-State	224	72/55	12BTDC	5.1kW 4kW	4000	12.6N.m	2800	EM Gasoline LPG



Model Year: 2014  
 Manufacturer: Zhejiang Yaofeng Power Technology Co.,  
 Engine Family: EZYPS.1961GA

*Attachment 8 of 8*

Issued:  
 Revised: 7/1/2014  
 E.O. Number:

*U-U-220-0023*

**Small Off-Road Engine Model Summary Form**

*RC 1*  
 Units for Table: *07-02-14*

Worst Case?	47. Model Designation	48. Sales Code	49. Displ (cc)	50. Bore/Stroke	51. Ignition Timing	52. Max Power	53. Rated Speed (RPM)	54. Rated Torque	55. Torque Speed (RPM)	56. Emiss Control Sys
	YF172FD-L_G-120	50-State	224	72/55	12BTDC	5.1kW	4000	12.6N.m	2800	EM <input type="checkbox"/> Gasoline <input type="checkbox"/> LPG
	YF172FD-L_G-220	50-State	224	72/55	12BTDC	5.1kW	4000	12.6N.m	2800	EM <input type="checkbox"/> Gasoline <input type="checkbox"/> LPG
						4kW	4000	12.6N.m	2800	
						4kW	4000	12.6N.m	2800	