

CHONGQING DAJIANG POWER EQUIPMENT CO., LTD

EXECUTIVE ORDER U-U-105-0310 New Off-Road Small Spark-Ignition Engines at or Below 19 Kilowatts

Pursuant to the authority vested in California 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-19-095;

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	FNGINE		E FAMILY DISPLACEMENT (cc)		LASS	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)		
2020	LCDPS.2121GD		180, 196, 208, 212	4-stroke, > 80cc - < 225cc		LPG-CNG dual-fuel		
DURABILITY HOURS		SPECIAL FEATURES & EMISSION CONTROL SYSTEMS			TYPICAL EQUIPMENT APPLICATION			
125		EM			Walk-Behind Lawnmower, Compressor, Pump, Pressure Washer, Generator Set, Tiller, Edger, Brushcutter, Other			
ENGINE CODES/MODELS (rated power in kilowatt, kW)		See Attachment						

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 1054.115(a) of the "California Exhaust Emission Standards and Test Procedures for New 2013 and Later Small Off-Road Engines," adopted October 25, 2012.

*=not applicable	HC+NOx (g/kW-hr)	CO (g/kW-hr)	PM (g/kW-hr)
STANDARD	10.0	549	*
FAMILY EMISSION LEVEL	*	*	*
CERTIFICATION LEVEL	7.5	364	*

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 ______ day of March 2020.

Allen Lyons, Chief

Emissions Certification and Compliance Division

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Model Year: Manufacturer: 2020

Chongqing Dajiang Power Equipment

Engine Family: LCDPS.2121GD

Issued:

Revised:

E.O. Number: U-V-105-0310

Small Off-Road Engine Model Summary Form

Units for Table: kW

	47.	48.	49.	50.	51.	52.	53.	54.	55.	56.
Worst Case?	Model Designation	Sales Code	Displ (cc)	Bore/ Stroke	Ignition Timing	Max Power	Rated Speed (RPM)	Rated Torque	Torque Speed (RPM)	Emiss Control Sys
X	DJ170FL-1 DHL212, FEL212,170FL-1	50-State	212	70/55mm	BTDC23	4.3kW	3600	13.5N.m	2800	EM
	DJ170FL,DHL208, FEL208,170FL	50-State	208	70/54mm	BTDC23	4.2kW	3600	13.2N.m	2800	EM
	DJ168FL,DHL196, FEL196,168FL	50-State	196	68/54mm	BTDC23	4.0kW	3600	12.5N.m	2800	EM
	DJ165FL,DHL180, FEL180,165FL	50-State	180	65/54mm	BTDC23	3.6kW	3600	11.5 N .m	2800	EM