

## CHONGQING DAJIANG POWER EQUIPMENT CO., LTD

EXECUTIVE ORDER U-U-105-0463 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 ENGINE FAMILY		DISPLACEMENT (cc)	ENGINE CLASS		FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)		
2022	2022 NCDPS.7602GE 678, 713, 760 4-stroke, ≥ 225 cc Gasoline or CNG or L			Gasoline or CNG or LPG			
DURABILITY HOURS		SPECIAL FEATURES & EMISSION CONTROL SYSTEMS			TYPICAL EQUIPMENT APPLICATION		
250		EM			Walk-Behind Lawnmower. Compressor, Pump, Pressure Washer, Generator Set, Tiller, Edger, Brushcutter		
ENGINE CODES/MODELS (rated power in kilowatt, kW)			See Attachment				

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

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	8.0	549	*	
FAMILY EMISSION LEVEL	*	*	*	
CERTIFICATION LEVEL	6.5	352	*	

**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 on this <u>3rd</u> day of February 2022.

Allen Vyons, Chief

**Emissions Certification and Compliance Division** 

SONE Exhaust Model Summary Template (1ev. 2020)	SORE Exhaust Model Summar	ry Template (rev. 2020)
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Date: \_June 8,2021\_\_\_\_ Engine Family: NCDPS.7602GE

For CARB Use Only								
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Attachment	1	of	1					

## Model Summary

Model Summary										
Worst Case (Check One)	47. Model Designation	48. Sales Code	49. Displacement (cc)	50. Bore/Stroke	51. Ignition Timing	52. Max Power	52. Rated Speed (RPM)	54. Rated Torque	55. Torque Speed (RPM)	56. Emission Control System
х	HTLG760E,DHT760BE,FET760BE, TLG760, DHT760EC,FET7600EC	50-State	760	82/72mm	BTDC28	17kW	3600	48N.m	2800	EM
	DHTLG720E,DHT760BE,FET720BE, TLG720,DHT720EC,FET720EC	50-State	713	80/71mm	BTDC28	14.5kW	3600	46N.m	2800	EM
	DHTLG680E,DHT680BE,FET680B, TLG680,DHT680EC,FET680EC	50-State	678	78/71mm	BTDC28	13.8kW	3600	43N.m	2800	EM