



SinoCleansky
Gas Container & Solution

CNG Cylinder for Vehicle

SinoCleansky specializes in providing a comprehensive solution of NGV, covering various products and services. Particularly, SinoCleansky has a strong advantage in providing the essential part of NGV, the high pressure cylinder, which is used to store the compressed natural gas on board the vehicle or as back-up storage as cascade cylinders.

- Type I CNG steel cylinder for vehicle
- Type II CNG composite cylinder for vehicle (steel liner hoop-wrapped with glass fiber)
- Type III CNG composite cylinder for vehicle (aluminum liner fully-wrapped with carbon fiber)
- CNG storage cylinder for cascade, both type I and type II and type III

SinoCleansky CNG cylinders are manufactured as per different international standards, principally ISO11439, ISO11119, NZS5454, ECE R110, NGV2-2000, DOT and etc. Our productions have been certified by the international third-party authorities including LRS, BV, SGS etc.

Type I CNG steel cylinder

Manufacturing standard: ISO11439, NZS5454, ECE R110
OD: 232mm, 273mm, 279mm, 325mm, 356mm, 406mm, etc
WC: 20L---225L
WP: 20MPa

- Typical types

Standard	Type
ISO11439/ECER110	OD232-20L-20MPa
ISO11439/ECER110	OD232-22L-20MPa
ISO11439/ECER110	OD232-28L-20MPa
ISO11439/ECER110	OD325-55L-20MPa
ISO11439/ECER110	OD325-60L-20MPa
ISO11439/ECER110	OD356-60L-20MPa
ISO11439/ECER110	OD356-75L-20MPa
ISO11439/ECER110	OD406-100L-20MPa
ISO11439/ECER110	OD356-145L-20MPa
ISO11439/ECER110	OD356-150L-20MPa
NZS5454	NZ232-22L-20MPa
NZS5454	NZ273-50L-20MPa
NZS5454	NZ325-55L-20MPa
NZS5454	NZ325-60L-20MPa





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Type II CNG composite cylinder

Manufacturing standard: ISO11439, ECE R110

OD: 325mm, 356mm, 406mm, etc

WC: 50L-200L

WP: 20MPa

Typical types

Standard	Type
ISO11439/ECER110	CRP325-55L-20MPa
ISO11439/ECER110	CRP325-60L-20MPa
ISO11439/ECER110	CRP356-65L-20MPa
ISO11439/ECER110	CRP356-75L-20MPa
ISO11439/ECER110	CRP406-100L-20MPa
ISO11439/ECER110	CRP356-145L-20MPa



Type III CNG composite cylinder

Manufacturing standard: NGV2, ISO11119

OD: 373mm, 383mm etc

WC: 80L-207L

WP: 25MPa

Typical types

Standard	Type
NGV2	CRP373-80L-3600Psi
NGV2	CRP383-200L-3600Psi



CNG storage cylinder for cascade

OD: 229mm, 356mm, 406mm, etc

WC: 50L-200L

WP: 25MPa or 20MPa

Shipment

