



Lighting Systems
LCV6 | LCV8 | BL400

DOOSAN
Portable Power

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DOOSAN®

Portable Power

About Us

Doosan Portable Power has more than 100 years of manufacturing expertise and application experience, with a focus on providing the highest quality machines with unrivaled customer service. Our market leading product line of portable air compressors, mobile generators and light towers are proudly built in the USA. Doosan Portable Power is headquartered in

Statesville, North Carolina, and was established in 2007 when Doosan Infracore purchased Ingersoll-Rand's Utility Equipment division.

Today, Doosan Portable Power is a subsidiary of Doosan Bobcat Inc. Doosan Bobcat is an industry leader in the engineering, manufacturing and marketing of construction equipment, and also represents the Bobcat brand. Doosan Bobcat is committed to delivering innovative products and services that provide quality and value.





Powerful Solutions

At Doosan Portable Power, we do more than provide superior products. We deliver powerful solutions to move your business forward. Robust portable air compressors that perform on the most demanding job sites. Mobile generators and light towers that are reliable and efficient. Factor in our industry-leading service and support, and it's quite clear that partnering with us is a smart return on your investment.

Dependability

Our equipment is built to last with corrosion-resistant galvanneal steel enclosures and a durable, baked-on powder coat finish. Extensive testing at our Statesville, North Carolina facility includes a test track, tilt table, and cold chamber to ensure our machines will perform in the harshest conditions and applications.

Doosan is fully committed to delivering quality machines that maximize uptime and productivity to give you peace of mind.

*“The quality is a 10.
The durability is a 10.”*

-**Jack Anderson**, Pape Material Handling

Performance

Doosan Portable Power gives you the power you need in the most efficient manner. We provide leading fuel economy and performance while ensuring compliance with the latest emissions standards.

Doosan also offers unmatched versatility to support almost every job or application. And with user friendly controls and diagnostics, anyone can operate our equipment with minimal instruction.

*“Doosan has always performed
well for us.”*

-**Mark Grimes**, Industrial Marine

Serviceability

Doosan has an extensive and knowledgeable dealer network. Our dealer-partners have a deep understanding of your business and can provide the solutions you demand.

All of our products are engineered and designed with an emphasis on accessibility to make sure routine maintenance is quick and easy to perform without having to take the machine apart.

*“Parts and service are always
there when we need it.”*

- **Mike Venuti**, Meruelo Group



LCV LIGHT TOWER

The Right Spec for your Small-Body Light Tower

For reliable illumination of special events, road and bridge construction, emergency and disaster relief, and general construction sites, choose the Doosan LCV. Doosan Portable Power's first vertical mast light tower, the LCV, has a compact footprint for increased jobsite mobility and cost-effective transport. The LCV light tower features a Kubota diesel engine paired with a high output alternator, providing light and power with class-leading run-time. Our clamshell-style canopy is made of a durable, lightweight composite material that lifts easily for access to service points.

Industry-leading runtime of 105 hours on a single fill

Durable Kubota engine with 1,000-hour service intervals reduces downtime and maintenance costs

Industry-leading factory warranty providing 2-year/2,000-hour bumper-to-bumper coverage

Model	LCV6	LCV6-50Hz	LCV8
ENGINE			
Engine Make / Model	Kubota D1005	Kubota D1005	Kubota D1105
Emissions Tier Level	Tier 4 Final	Tier 4 Final	Tier 4 Final
Number of Cylinders / Displacement - cu in (L)	3 / 61.1 (1.001)	3 / 61.1 (1.001)	3 / 68.5 (1.123)
Power @ Rated Speed - bhp (kW)	13.1 (9.76) @ 1800 RPM	11.0 (8.2) @ 1500 RPM	15.4 (11.5) @ 1800 RPM
Cooling System	Water / Glycol	Water / Glycol	Water / Glycol
DC System Voltage / Battery Capacity	12 VDC / 520 CCA	12 VDC / 520 CCA	12 VDC / 520 CCA
Usable Fuel Tank Capacity - Gal (L)	52.4 (198.4)	52.4 (198.4)	52.4 (198.4)
Runtime @ 100% Load (hrs)	105	105	75
Runtime with 4 Metal Halide Lamps (hrs)	119	119	97
Runtime with 4 LED Lamps (hrs)	210	210	180
GENERATOR			
Prime Power Rating, 1.0 PF - kW	6	6	8
Available AC Voltage - Single Phase - V	120/240	230	120/240
Available Frequency - Hz	60	50	60
RECEPTACLES (with individual circuit breaker protection)			
120V GFCI Duplex (NEMA 5-20R)	1 × 20A		2 × 20A
240V Twistlock (NEMA L6-30R)	1 × 25A (optional)		1 × 30A
230V IEC 309		1 × 16A	
230V EC 123-16		1 × 10A	
WEIGHT			
Shipping Weight - lb (kg)	1309 (595)	1309 (595)	1430 (650)
Operating Weight - lb (kg)	1669 (758)	1669 (758)	1793 (815)
DIMENSIONS WITH RUNNING GEAR			
Length (Drawbar Down) - in (mm)	109 (2768)	109 (2768)	109 (2768)
Length (Drawbar Up) - in (mm)	82 (2083)	82 (2083)	82 (2083)
Width (Standard) - in (mm)	55 (1397)	55 (1397)	55 (1397)
Width (w/ Outriggers Deployed) - in (mm)	121 (3084)	121 (3084)	121 (3084)
Track Width - in (mm)	47.4 (1206)	47.4 (1206)	47.4 (1206)
Height (w/ Tower in Transport Position) - ft (m)	8.4 (2.6)	8.4 (2.6)	8.4 (2.6)
Height (w/ Tower Deployed) - ft (m)	23 (7)	23 (7)	23 (7)

Model	BL400
SPECIFICATIONS	
Diameter - in (mm)	36 (0.9)
Standard Plug Type	3-prong
Power Draw - amps (V)	20 (110 - 130)
Recommended Power Supply	Main Power or 1kVa Generator
Lamps - watts	4 × 100W LED
Total Lumens	50,000
Lighted Area - sq ft	12,450
Operating Height - ft (m)	7 - 20 (2.1 - 6.1)
Total Weight - lb (kg)	22 (10)
Inflation Time - sec	45
Restrike Time	Instant
Wind Speed Resistance - mph	62



BALLOON LIGHT

Rugged and Reliable for Rental & Construction Applications

The BL400 balloon light from Doosan Portable Power plugs into any three-prong, 120-volt, 20-amp outlet and provides 12,450 square feet of quiet, glare-free light. Using Doosan stands with tilting grip heads accommodates various mounting devices to provide illumination where it is needed. For road paving, special events, entertainment and other applications where glare-free light is required, the BL400 is the optimal choice.

- Automatically inflating tubular envelope and internal reflector combine to illuminate a large area

- Cage is lightweight, but strong and protects lamps from contact with the envelope
- Suspension-mounted lamp holder provides extra protection against rough handling
- LED bulbs utilized for instant restrike time
- Uses four readily available 100-watt LED bulbs for easy replacement
- Durable storage case included



Optional Mounting Devices

Mounting devices and other parts available through the Doosan Aftermarket Department:

Pole Mount

7' – 15' extension mounts to any equipment with locally sourced hardware

Hitch-Mount

7' – 15' extension mounts directly to a vehicle's receiver hitch

Tripod Stands

7' – 19' extension or 7' – 24' extension for stand-alone uses

MAKE POWER MOVES.

DoosanPortablePower.com

800.633.5206

Generators

Small



G25 | G40 | G50

Doosan Portable Power boasts a comprehensive mobile generator line up, ready to supply the power you need at the touch of a button. With intuitive control panels, no generator has ever been easier to use.

Medium



G70 | G125 | G150

Challenging applications demand powerful alternators. Doosan specifies high-output, separately excited alternators that ensure unmatched motor starting capability and precision voltage control.

Large



G190 | G240 | G325 | G400 | G570

Doosan mobile generators have been designed with the service technician in mind. With 500 hour intervals between fluid and filter exchanges, you can be sure that downtime for maintenance is minimized. All maintenance points are easily accessible and designed for fast and easy service.

Light Compaction

Upright Rammers



RX-264H | RX-304H | RX-344H

Charged with industry-leading impact forces

Forward Vibratory Plate Compactors



BX-60WH | BX-80WH | BX-120WH

Versatility & reliability

Reversible Vibratory Plate Compactors



**BXR-60H | BXR-100H | BXR-200H
BXR-300H**

Built to perform, built to last

Walk-Behind Vibratory Rollers



**SX-170H | DX-500E | DX-600H
DX-600E | DX-700H | DX-700E**

Smooth, efficient compaction in complex applications

Air Compressors

Small & Medium Air



**P185-HP150 | P185 Utility
XP185-VHP165 | C185
P250-MHP185 | P425/HP375
HP450/VHP400**

Our high-performance Doosan engines feature diesel oxidation catalyst (DOC) aftertreatment system, which is virtually maintenance-free. Our spin-on oil separation system reduces element changes to just two minutes.

Large Air Low Pressure



XP825/HP750 | HP915 | HP1600

An enhanced ViewPort control panel, easy access to manuals, full color back-lit LED displays, and industry-leading service intervals streamline machine operation.

Large Air High Pressure



XHP750 | XHP1170

Doosan designed and manufactured airends require less horsepower to deliver a high-volume cfm output for greater fuel economy.



OIL, FILTERS & LUBRICANTS

Protect your investment in quality equipment with genuine OEM parts. Doosan Portable Power is your source for the highest-quality parts, filters and lubricants for your Doosan Portable Power products.

For information, please contact:
800-633-5206
portablepowersales@doosan.com

Or visit the Doosan Portable Parts Store:
www.doosanportableparts.com



INSTRUMENT QUALITY AIR

Clean air is essential to the safety and efficiency of many compressed air applications. Doosan Portable Power IQ System air compressors provide instrument-quality air that is 99.99% free of contaminants – removing harmful dust, dirt, moisture and oil that are present in untreated air. The unique, onboard IQ System is fully-enclosed within the Doosan air compressor design. A lockable valve system makes it easy to instantly switch between instrument-quality and standard compressed air to tackle a variety of applications all in one day, saving time and money.

DOOSAN[®]

Portable Power

Experience Doosan Portable Power and our industry-leading support and service. Whatever the job, we have the solution. From our comprehensive range of reliable air compressors, to lighting systems and generators, we have a solution to fit your needs. Running a successful business takes more than powerful equipment. That's why Doosan Portable Power partners with an experienced dealer network to stand beside you every step of the way. Doosan Portable Power — more than 100 years of providing excellence.



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Product improvement is a continuous goal at Doosan Infracore Portable Power. Specifications and design are subject to change without notice or obligation. Warranty terms and conditions on new product sales are subject to change. All products are subject to the terms of the applicable warranty in effect on the date of purchase; contact your local Doosan dealer for the current applicable warranty. Doosan[®] and the Doosan logo are registered trademarks of Doosan Corp. in the United States and various other countries around the world.