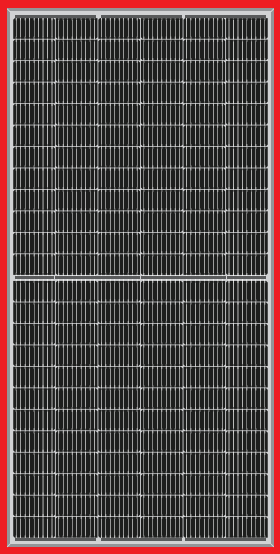
Solar Module Specification Sheet

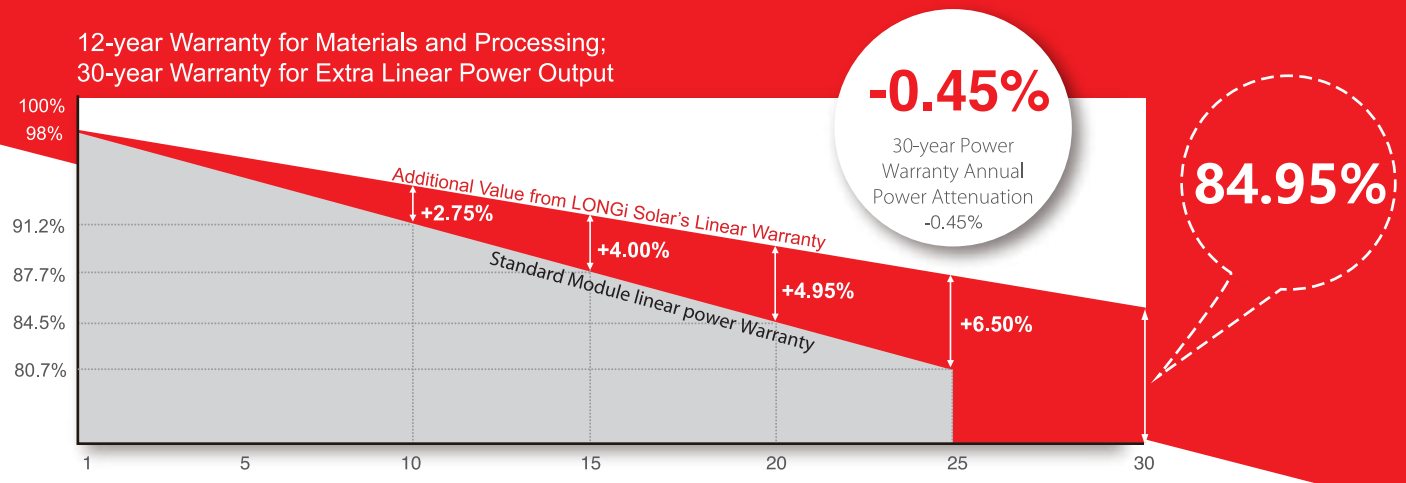
LR5-72HBD
520~540M

Hi-MO 5



High Efficiency Low LID Bifacial PERC with Half-cut Technology

12-year Warranty for Materials and Processing;
30-year Warranty for Extra Linear Power Output



Complete System and Product Certifications

IEC 61215, IEC 61730, UL 61730

ISO 9001:2008: ISO Quality Management System

ISO 14001: 2004: ISO Environment Management System

TS62941: Guideline for module design qualification and type approval

OHSAS 18001: 2007 Occupational Health and Safety

* Specifications subject to technical changes and tests. LONGi Solar reserves the right of interpretation.

Front side performance equivalent to conventional low LID mono PERC:
- High module conversion efficiency (up to 21.1%)
- Better energy yield with excellent low irradiance performance and temperature coefficient
- First year power degradation <2%

Bifacial technology enables additional energy harvesting from rear side (up to 25%)

Glass/glass lamination ensures 30 year product lifetime, with annual power degradation < 0.45%, 1500V compatible to reduce BOS cost

Solid PID resistance ensured by solar cell process optimization and careful module BOM selection

Reduced resistive loss with lower operating current

Higher energy yield with lower operating temperature

Reduced hot spot risk with optimized electrical design and lower operating current

LONGi

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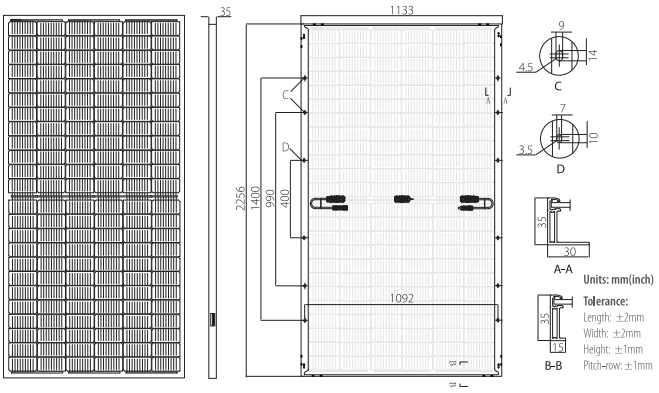
20200708-Draft V03

LR5-72HBD 520~540M

Design (mm)



Mechanical Parameters

Cell Orientation: 144 (6×24)
Junction Box: IP68, three diodes
Output Cable: 4mm², 300mm in length, length can be customized
Glass: Dual glass
2.0mm coated tempered glass
Frame: Anodized aluminum alloy frame
Weight: 32.3kg
Dimension: 2256×1133×35mm
Packaging: 31pcs per pallet
155pcs per 20'GP
620pcs per 40'HC

Operating Parameters

Operational Temperature: -40℃~+85℃
Power Output Tolerance: 0~+5 W
Voc and Isc Tolerance: ±3%
Maximum System Voltage: DC1500V (IEC/UL)
Maximum Series Fuse Rating: 30A
Nominal Operating Cell Temperature: 45±2℃
Safety Protection Class: Class II
Fire Rating: UL type 3
Bifaciality: 70±5%

Electrical Characteristics

Test uncertainty for Pmax: ±3%

Model Number	LR5-72HBD-520M		LR5-72HBD-525M		LR5-72HBD-530M		LR5-72HBD-535M		LR5-72HBD-540M	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	520	388.3	525	392.1	530	395.8	535	399.5	540	403.3
Open Circuit Voltage (Voc/V)	48.90	45.75	49.05	45.89	49.20	46.03	49.35	46.17	49.50	46.31
Short Circuit Current (Isc/A)	13.57	10.97	13.65	11.03	13.71	11.08	13.78	11.14	13.85	11.19
Voltage at Maximum Power (Vmp/V)	41.05	38.27	41.20	38.41	41.35	38.55	41.50	38.69	41.65	38.83
Current at Maximum Power (Imp/A)	12.67	10.15	12.75	10.21	12.82	10.27	12.90	10.33	12.97	10.39
Module Efficiency(%)	20.3		20.5		20.7		20.9		21.1	

STC (Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25℃, Spectra at AM1.5

NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m², Ambient Temperature 20℃, Spectra at AM1.5, Wind at 1m/S

Electrical characteristics with different rear side power gain (reference to 530W front)

Pmax /W	Voc/V	Isc /A	Vmp/V	Imp /A	Pmax gain
557	49.20	14.40	41.35	13.46	5%
583	49.20	15.08	41.35	14.10	10%
610	49.30	15.77	41.45	14.74	15%
636	49.30	16.46	41.45	15.38	20%
663	49.30	17.14	41.45	16.02	25%

Temperature Ratings (STC)

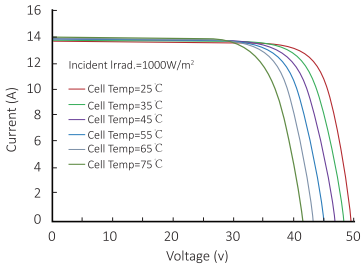
Temperature Coefficient of Isc	+0.050%/℃
Temperature Coefficient of Voc	-0.284%/℃
Temperature Coefficient of Pmax	-0.350%/℃

Mechanical Loading

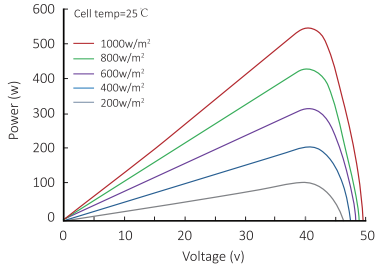
Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm Hailstone at the speed of 23m/s

I-V Curve

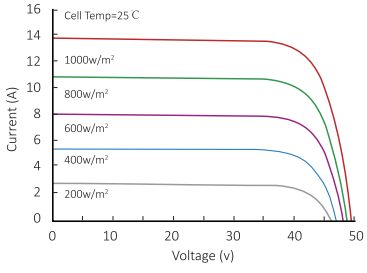
Current-Voltage Curve (LR5-72HBD-530M)



Power-Voltage Curve (LR5-72HBD-530M)



Current-Voltage Curve (LR5-72HBD-530M)



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20200708-Draft V03

Inverter Specification Sheet

SG3300/4400UD

Outdoor Inverter for 1500 Vdc System

Preliminary

LOW LCOE

- Effective cooling, full power operation at 40 ℃
- Wireless communication in block, "0" cost networking cost
- Q at night function (optional), saving investment

SMART O&M

- Modular equipment, 1.1 – 8.8 MW block flexible design
- Modular system, flexible PV DC/AC ratio and ESS capacity
- Modular component, plug and play, no need professional

SAFETY & RELIABLE

- DC arc fault protection, 200 ms cut off fault
- 24h real-time AC insulation monitoring
- IP65 protection, adapt to harsh environment

GRID SUPPORT

- SCR ≥ 1.02, stable operation in extremely weak grid
- Reactive power response time < 20 ms
- Compliant with grid code

SUNGROW
Clean power for all

Type designation	SG3300UD	SG4400UD
Input (DC)		
Max. PV input voltage	1500 V	
Min. PV input voltage / Startup input voltage	905 V / 945 V	
MPP voltage range	905 – 1300 V	
No. of independent MPP inputs	3	4
No. of DC inputs	15 (optional: 18/21 inputs negative grounding)	20 (optional: 24/28 inputs negative grounding)
Max. PV input current	3 * 1400 A	4 * 1400 A
Max. DC short-circuit current	3 * 5000 A	4 * 5000 A
PV array configuration	Negative grounding or floating	
Output (AC)		
AC output power	3300 kVA @ 40 ℃ (104 ℉), 3795 kVA @ 20 ℃ (68 ℉)	4400 kVA @ 40 ℃ (104 ℉), 5060 kVA @ 20 ℃ (68 ℉)
Max. AC output current	3 * 1160 A	4 * 1160 A
Nominal AC voltage	630 V	
AC voltage range	536 – 693 V	
Nominal grid frequency / Grid frequency range	50 Hz / 45 – 55 Hz, 60 Hz / 55 – 65 Hz	
Harmonic (THD)	< 3 % (at nominal power)	
Power factor at nominal power / Adjustable power factor	> 0.99 / 0.8 leading – 0.8 lagging	
Feed-in phases / AC connection	3 / 3-PE	
Efficiency		
Max. efficiency	99.0 %	
European efficiency	98.7 %	
Protection & Function		
DC input protection	Load break switch + fuse	
AC output protection	Circuit breaker	
Surge protection	DC Type II / AC Type II	
Grid monitoring / Ground fault monitoring	Yes / Yes	
Insulation monitoring	Yes	
Overheat protection	Yes	
Q at night function	Optional	
General Data		
Dimensions (W*H*D)	2160*2260*1700 mm (85''*89''*66.9'')	2860*2260*1700 mm (112.6''*89''*66.9'')
Weight	≤ 2500 kg (≤ 5512 lbs)	≤ 3300 kg (≤ 7275 lbs)
Topology	Transformerless	
Degree of protection	IP55 (optional: IP65) / NEMA 3R (optional: NEMA 4X)	
Night power consumption	< 200 W	
Operating ambient temperature range	-35 to 60 ℃ (> 40 ℃ derating) / -31 to 140 ℉ (> 104 ℉ derating)	
Allowable relative humidity range	0 – 100 %	
Cooling method	Temperature controlled forced air cooling	
Max. operating altitude	4000 m (> 3000 m derating) / 13123 ft (> 9843 ft derating)	
Display	LED indicators, WLAN+WebHMI	
Communication	Standard: RS485, Ethernet; Optional: optical fiber	
Compliance	CE, IEC 62109, IEC 61727, IEC 62116, IEC 62109, IEC 61727, IEC 62116, IEC 60068, IEC 61683, VDE-AR-N 4110:2018, VDE-AR-N 4120:2018, EN 50549-1/2, UNE 206007-1:2013, P.O.12.3, UTE C15-712-1:2013, UL1741, UL1741SA, IEEE1547, IEEE1547.1, CSA C22.2 107.1-01-2001, California Rule 21	
Grid support	Q at night function (optional), L/HVRT, active & reactive power control and power ramp rate control, Q-U control, P-f control	

Tracker Specification Sheet


nextracker
NX Horizon-XTR™

NX Horizon-XTR™

Break free from traditional tracker constraints and follow the grade

By following native land contours to eliminate or massively reduce grading, NX Horizon-XTR™ saves construction cost, minimizes environmental impacts, and reduces project risk for terrain-challenged projects. Horizon-XTR features an innovative approach to terrain-following built on NX Horizon™ existing, 75 GW-proven technology, and may be paired with TrueCapture energy yield optimization to maximize energy generation for each project's unique topography.

Key Features and Benefits

Cut Construction Costs & Timeline

Grading can be time consuming and expensive.
NX Horizon-XTR can deliver up to:

- 100% grading reduction, cutting 1,000-3,000 cubic yards / MW of cut & fill
- 36" pile length reduction, saving 5,000-9,000 lbs / MW steel consumption
- 100% re-vegetation reduction, cutting 5 acres / MW of re-seeding

Minimize Environmental Impacts

Grading can be damaging to the local ecosystem.
NX Horizon-XTR helps protect the land by:

- Avoiding destruction of native topsoil and vegetation
- Preventing habitat disruption from non-native re-vegetation
- Preventing long-term soil erosion and storm runoff

We are seeing more and more projects these days having undulating terrain, and Horizon-XTR allows us to build up and over a hill, without having to flatten it out.

– Donny Gallagher
VP Engineering,
SOLV Energy

6200 Paseo Padre Parkway | Fremont, CA 94555 | USA | +1 510 270 2500 | nextracker.com

Mitigate Project Risk

Grading introduces risks throughout the project lifecycle. NX Horizon-XTR helps mitigate by:

- Simplifying permitting, improving community acceptance, and mitigating topographic study inaccuracies during the development phase
- Avoiding grading related delays and cost overruns due to unforeseen conditions, inclement weather, and remediations during the construction phase
- Preventing escalating land maintenance and project remediations due to soil erosion during operations phase

Horizon-XTR allows us to decouple some of the earthwork that used to be mandatory and allows us to build the best structure for the land as it is now.

– Nick de Vries
SVP of Technology and Asset Management, Silicon Ranch

Based on Proven Technology

NX Horizon-XTR is based on NX Horizon's 75 GW-proven core architecture, uniquely suited for grade-following applications without the use of complex joints. Risks associated with other tracker technology may include:

- Loss of tracker row torsional stiffness
- Friction or binding of bearing components, wearing of articulating joints
- Complex drive mechanisms
- Limited track record

GENERAL AND MECHANICAL

Architecture	Horizontal single-axis, independent row, mechanically balanced
Configuration	1 x module in portrait
Tracking range of motion	±60° or ±50°
Row Size	Configurable per module type, string length and site layout
Drive type	High accuracy slew gear
Modules supported	All utility-scale crystalline and thin-film modules
Bifacial optimized design	High-rise mounting rails, bearing & driveline gaps, round torque tube
Materials	Galvanized steel; other coatings available
Structural connections	Engineered fastening system, vibration-proof
Wind protection	Intelligent wind stowing with symmetric damping system

ELECTRONICS AND CONTROLS

Solar tracking method	Astronomical algorithm with backtracking standard. TrueCapture™ available for enhanced energy yield
Tracker controller	Self-Powered Controller (SPC) with integrated inclinometer and UPS
Motor	Brushless DC
Power supply	Self-Powered: Standalone smart solar panel AC Powered Option: Customer-provided 120-277 VAC circuit
Site-level control & communications	Network control units (NCUs) at inverter pads/skids Self-powered weather stations Centralized data hub Encrypted Zigbee wireless mesh communications
Defensive stowing functions	Wind, hail, hurricane, snow, flood, loss of grid power
Operator interface	NX Navigator™ advanced HMI available, with SCADA integration

SITE CONDITIONS

N-S site slope	Up to 15%
N-S terrain following	Conformance to native land contours Angular tolerance configured to site conditions
E-W site slope	Up to 15%
Ground coverage ratio (GCR)	No specific limit. Typical range 25-45%
Operating temperature range	Self-Powered: -30°C to 55°C (-22°F to 131°F) AC Powered: -40°C to 55°C (-40°F to 131°F)
Wind speed	Configurable up to 240 kph (150 mph) 10m, 3-second gust
Snow load	Configurable up to 4800 Pa (100 psf) ground load
Flooding	Standard module elevation 1.3 to 1.8 m (4'3" to 5'10"). All drive & control components at torque tube elevation. Increased elevation available with additional engineering
Soils	Complete range of foundation solutions available

SERVICE, WARRANTY AND STANDARDS

Tracker engineering & PE stamped design package	Standard
Foundation engineering & PE stamped design package	Available
Onsite construction support & commissioning service	Available
Warranty	10-year structural, 5-year drive & controls standard Extended warranty available
Certifications	UL 2703, UL 3703, IEC 62817, CSA
Warranty	10-year structural, 5-year drive and control components
Codes and standards	UL 3703 / UL 2703 / IEC 62817

6200 Paseo Padre Parkway | Fremont, CA 94555 | USA | +1 510 270 2500 | nextracker.com

Transformer Specification Sheet

	Project Main Power Transformers	9/11/2019	DDD
Item	**Description or Specification**	**Units**	**Manufacturer's Data**
1	Qty & Project Name	**1**	**ConnectGEN 345kV#2**
			Bidder to fill in missing data.
2	Project Location Data		United States
	Elevation	m	2463
	Extreme ambient Temp	Deg C	-40 deg C to +35 deg C
	Summer day for Overload calcs		TBD
	Winter day for Overload calcs		TBD
	Seismic		Sa(0.2) =0.107, Sa(1.0)= 0.046, PGA=0.062g
	Max Wind Speed		90mph
3	Winding Type		Three Phase Wye-Grounded/Wye-Grounded/Delta
	Phase Relationship Angular Displacement		Per ANSI/ IEEE standards
4	Capacity/Design	MVA	158/210/263
	Capacity @ 65°C	MVA	ONAN/ONAF/ONAF
5	Rated Voltage		
	H Winding	kV	345
	X Winding	kV	34.5
	Y Winding (Tertiary)	kV	13.8
	Maximum HV SystemTemporary overvoltage	kV	minimum 1.20pu for 0.2 sec (per NERC PRC-024-2)
6	Winding Connection		
	H Winding		Wye-Grounded
	X Winding		Wye-Grounded
	Y Winding (Tertiary)		Delta
7	BIL:		
	H Winding	kVp	1175
	X Winding	kVp	200
	Y Winding (Tertiary)	kVp	110
8	Winding Material		
	H Winding:		Copper
	X Winding:		Copper
	Y Winding (Tertiary)		Copper
9	Physical		
	Approximate Dimensions		
	Tank Height	mm	
	Overall Height	mm	
	Width	mm	
	Depth	mm	
	Approximate Weight	Kg	
	Oil	Kg	
	Total	Kg	
10	Warranted no-load losses (@ 20 Deg. C)	kW	To be provided by OEM but expect to be ~111 kW
	Based on no-load loss value	$/kW	TBD
11	Warranted load losses for the following three-phase load conditions (@85 Deg. C):		
	a) ONAN rating	kW	To be provided by OEM but expect to be ~257 kW
	b) ONAF rating	kW	To be provided by OEM but expect to be ~454 kW

	c) Full Load rating	kW	To be provided by OEM but expect to be ~709 kW
	Based on load loss value	$/kW	
12	Efficiency		
	a) ONAN rating	%	
	b) ONAF rating	%	
	c) Full Load	%	
13	Exciting Current % of Full Load	%	
14	Voltage regulation at 75°C		
	a. ONAN rating unity pf	%	
	b. Full Load 0.8pf	%	
15	Exciting current on HV winding		
	100% voltage	A-RMS	
	110% voltage	A-RMS	
	115% voltage	A-RMS	
16	Max time transformer may be operated at 115% of rated voltage (NL) without exceeding guaranteed temp.		
	a. Following prolonged full load operation at 30°C	Hours	
	b. Following prolonged de-energization at 30°C	Hours	
17	Impedance, mid tap @ 85°C	%	9.50%
	a) Positive Sequence Impedance on ONAN rating Base H-X	%	TBD
	b) Positive Sequence Impedance on ONAN rating Base H-T	%	TBD
	c) Positive Sequence Impedance on ONAN rating Base X-T	%	TBD
	d) Zero Sequence Impedance on ONAN rating Base H-X	%	TBD
	e) Zero Sequence Impedance on ONAN rating Base H-T	%	TBD
	f) Zero Sequence Impedance on ONAN rating Base X-T	%	TBD
	g) Positive Sequence R+jX (ohms) ONAN rating Base H-X		TBD
	h) Zero Sequence R+jX (ohms) ONAN rating Base H-X		TBD
	g) Positive Sequence R+jX (pu) for 100MVA HV Base H-X		TBD
	h) Zero Sequence R+jX (pu) for 100MVA HV Base H-X		TBD
	X/R	ratio	TBD
18	DETC		
	Low Side or High Side		
	Number of DETC tapping positions		
	Tapping range and steps	%	
19	LTC		Yes, on-load
	Type		
	Manufacturer		MR preferred
	Low Side or High Side		located on high-side, regulates 34.5kV
	Center/Nominal Tap Voltage	kV	345
	Number of LTC tapping positions		33
	Tapping range and steps	%	+/-10%, +/- 16 steps

	Accessories		With Beckwith M2001C-6EV with M-2067 control mounting, with provisions for remote operation; SEL-2414 & 2527 for monitoring and fan control
20	Specfically Designed for Parallel Operation		No
21	Specfically Designed for Line Compensation		No
22	Guaranteed maximum noise level	dB	Per IEEE standards
23	Guaranteed maximum internal corona		
	a. @ 115% operating voltage		
	b. @ 50% full induced test voltage		
	c. @ Full induced test voltage		
24	a) Maximum continuous output at 30 deg C ambient	MVA	
	b) Maximum continuous output at 15 deg C ambient	MVA	
	c) Maximum continuous output at 0 deg C ambient	MVA	
25	Maximum top oil temperature rise of cooling medium at Full Load	°C	
26	Bushing Information		
		Mfr.	Type
	HV		1175
	LV		
	HO,XO		
27	Surge Arrester Information		
		Mfr.	MCOV
	HV		220kV
	LV		24.4kV
28	Transformer Winding		Max Short Circuit Capacity
	HV		
	LV		
29	Current Transformer Information Winding Type		Max Short Circuit Capacity
	HV (Ratings subject to HQT approval)		Qty 3: 2 x 1,200:5 C400 TRF=2.0; 300:5 SR 0.3B-1.8, TRF 2.0
	LV (Subject to change based on approvals.)		Qty 3: 2 x 5,000:5 C400 TRF=2.0; 3,000:5 SR 0.3B-1.8, TRF 2.0
	HO,XO (Subject to change based on approvals.)		H0: TBD by vendor, MR, C400 TRF 2; X0: N/A by vendor, MR, TRF 2.0
	Y (tertiary)		yes buried, recommend MR, C400 TRF 2;

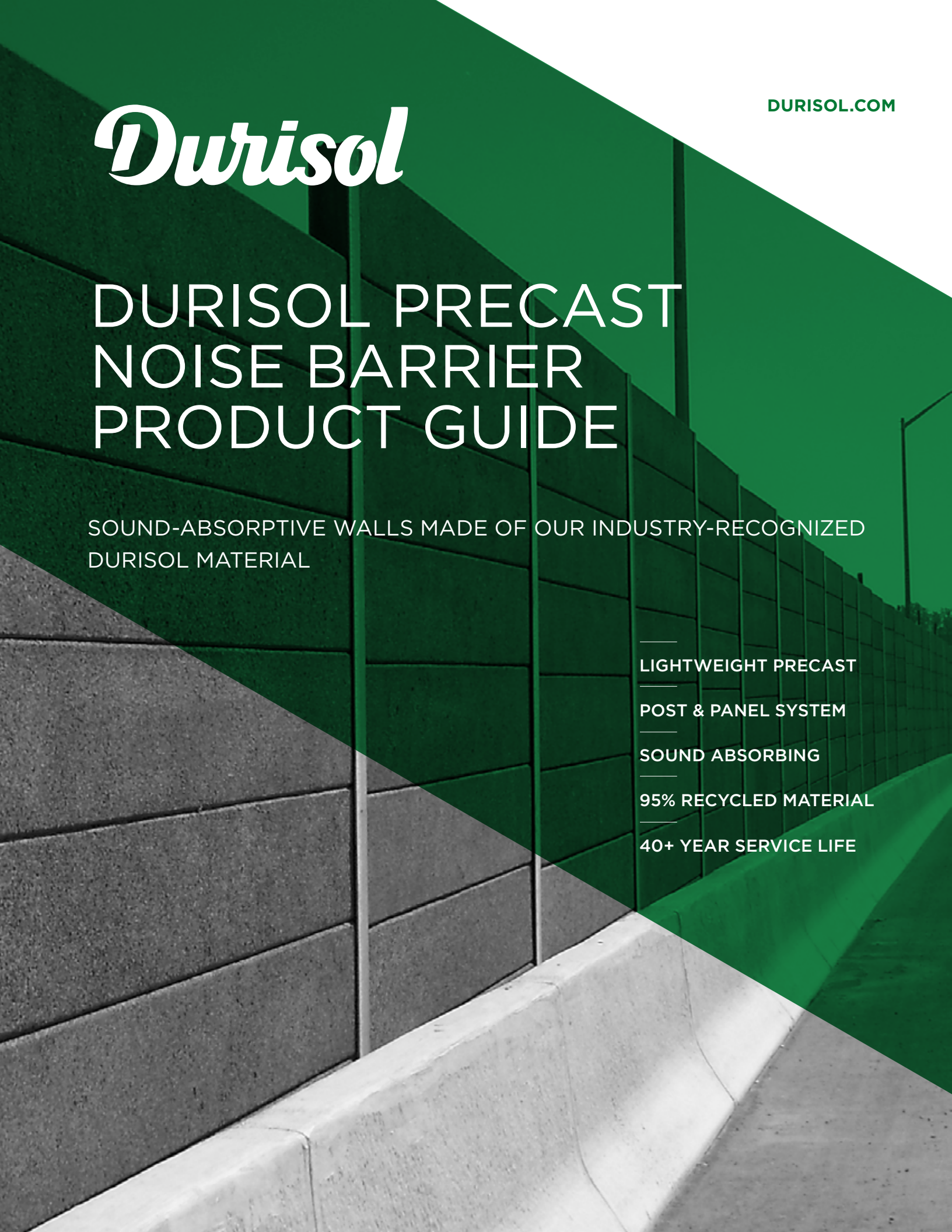
Sound Wall Specification Sheet

DURISOL.COM

Durisol

DURISOL PRECAST NOISE BARRIER PRODUCT GUIDE

SOUND-ABSORPTIVE WALLS MADE OF OUR INDUSTRY-RECOGNIZED DURISOL MATERIAL



- LIGHTWEIGHT PRECAST
- POST & PANEL SYSTEM
- SOUND ABSORBING
- 95% RECYCLED MATERIAL
- 40+ YEAR SERVICE LIFE

INDUSTRY-LEADING NOISE WALL

Durisol has been leading the way in absorptive noise wall technology for over 68 years. With no wall ever replaced, this is the most reliable system for even the hard to obtain noise compliance requirements.

When specifying absorptive barriers, Durisol sound-insulating qualities reduces sound levels. In areas where noise is not the primary concern and privacy or security is more critical, a reflective product can be integrated seamlessly.

Completely customizable to the wall design, we can reach required heights, unique lengths and design integrations.

TYPICAL APPLICATIONS

- Roads & highways
- Railway corridors
- Building enclosures or barriers
- Utility substations
- Residential developments
- Industrial & commercial sites

FEATURES

- Noise absorptive of 0.70 - 0.90 NRC*
- 38 STC Rating (NB15)
- Lightweight & easy to install
- Non-combustible
- Vermin & rot-proof
- Freeze-thaw resistance

A TRUSTED BRAND

Durisol® is the proprietary name of a durable, lightweight precast material. Composed of natural and recycled material, it is a more sustainable alternative to standard concrete.

Made of chemically neutralized and mineralized organic softwood shavings which are specially processed to an acoustically engineered size. When bonded together under pressure with Portland cement, an absorptive panel is born.

All Durisol® noise barrier systems are manufactured in a National Precast Concrete Assiciation (NPCA) certified plant and engineered in-house by a team of noise and retaining wall experts.

A special blend of wood shavings & cement make up this unique precast product.

Watch our Durisol manufacturing tour on our **You Tube Channel**

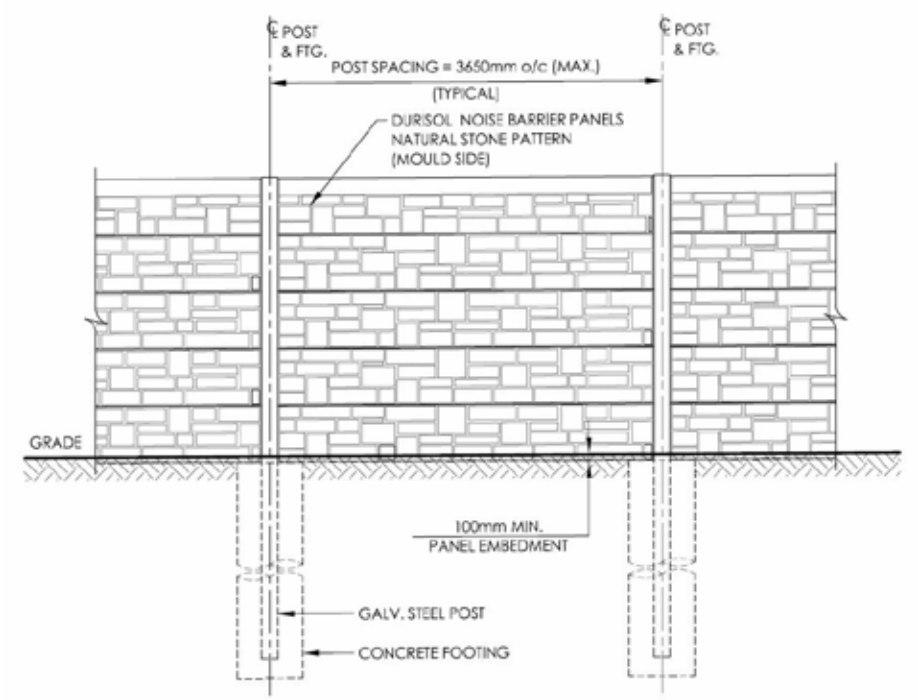
NB12 SYSTEM

The NB12 is a post and precast panel noise barrier system with standard centre-to-centre post spacing of **12ft (3.65m)**. The NB12 system can be engineered for wall heights up to 33ft (10m) or more. Panels are a standard size of 12ft (3.65m) long by 20in (0.5m) high.

The standard NB12 panel system is sound absorptive on both sides (30 STC), with an optional integrated traffic barrier. It can also incorporate single sided absorptive or reflective retaining wall panels or transparent elements.

The NB12 system is flexible in many ways. It is ideal for slope conditions, directional changes, and difficult site access situations. Precast panels can easily be modified for short bays on site.

Simplified technical drawing



NB12 Basket Weave Pattern
TORONTO, ON

NB12 Natural Stone Pattern
HAMILTON, ON

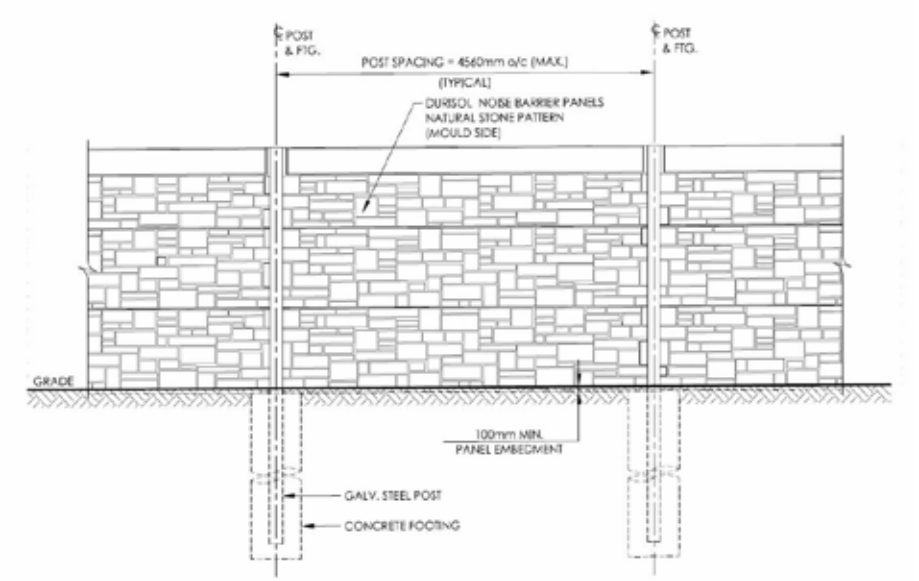
NB15 SYSTEM

The NB15 is a post and precast panel noise barrier system with standard centre-to-centre post spacing being **15ft (4.56m)**. The NB15 system can be engineered for wall heights up to 43ft (13m) or more. Precast panels are a standard size of 15ft (4.57m) long by 18-48in (0.46-1.22m) high.

The standard NB15 system is noise absorptive on one or both sides. It can also incorporate transparent elements, and integrated retaining wall panels.

The NB15 system offers 20% fewer posts than the NB12 system, which can result in meaningful cost savings depending on soil conditions and other required wall system elements.

Simplified technical drawing



Durisol's NB15 system offers a **Durisol® Firestop System**
For more information, check out our **Fire Rated Barriers Brochure** on **Durisol.com**

Durisol® FireStop System
TORONTO, ON

NB15 Ashlar Stone Pattern
ST CATHERINES, ON

NB24 SYSTEM

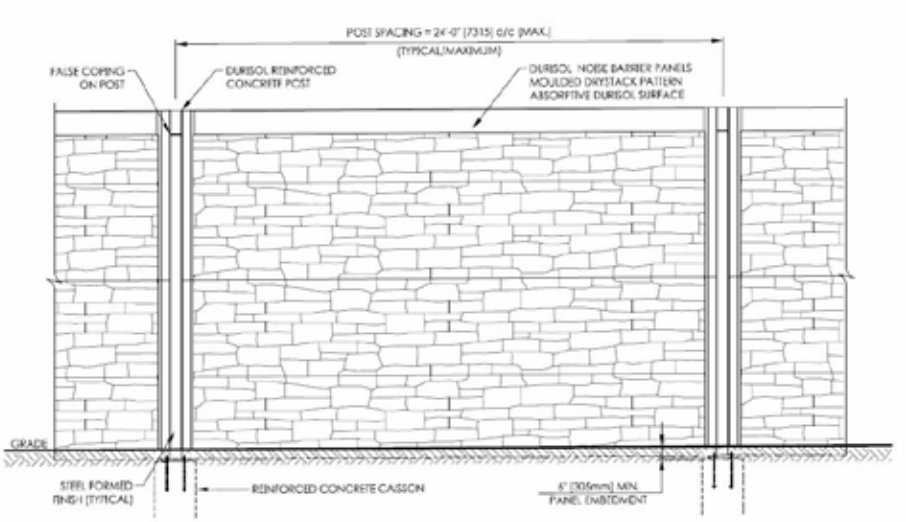
The NB24 is a post and precast panel noise barrier system with customized bay spacing allowing for posts to be **24ft (7.3m)** centre-to-centre. Precast posts are standard option with wide flange HDG steel posts.

The NB24 system can be engineered for wall heights up to 36ft (11m) or more. Custom precast panels are available up to 24ft (7.3m) long by 84in (2.2m) high.

The NB24 system has noise absorptive on one side. It can also incorporate transparent elements, and integrate retaining wall panels. The NB24 system offers the longest post spacing of Durisol's systems which can result in meaningful cost savings depending on soil conditions and other required wall elements.

The NB24 system is ideal for long straight runs of wall with minimal sloping grades where noise absorption is not required on one side of the wall.

Simplified technical drawing



NB24 Custom Grasslands Pattern
TORONTO, ON

NB24 Drystack Pattern
OHIO, USA

CUSTOM OPTIONS

With over 40 years of experience designing and manufacturing noise and retaining walls, Durisol has developed an impressive range of accessories and custom designs beyond our standard steel post and precast panel systems when a particular aesthetic needs to be achieved.

POST ACCESSORIES

LEGEND:

1. Pier Caps
2. Piers
3. End Caps
4. Post Facings

FUNCTIONAL ACCESSORIES

In addition to Durisol's wide range of standard textures and patterns, custom systems can be developed to suit almost any aesthetic or functional requirement. Durisol's experienced in-house team of engineers and professionals can assist designers, specifiers and owners at the project design stage to develop a custom solution where required.

The most common accessories include:

- Vehicle access gates
- Man doors
- Drainage openings and grates
- Fire hose access openings
- Flood control panels
- Pedestrian walkway entrances
- Custom feature sign
- Painted posts

VEHICLE ACCESS GATE

SIGNATURE PANELS

The Durisol wall system can be integrated with **traffic barriers, retaining walls** and **transparent** panels.

STANDARD PATTERNS & COLOURS

Our Durisol precast panels offer the same versatility as precast concrete. Choose from our standard patterns and colours below as a starting point, select from existing design inspiration, or work with our experts to create a look that has never been done before.

PATTERNS

Our standard patterns are based on our most basic molds available for the most efficient turnarounds.

NB12

PLAIN FLAT

NATURAL STONE

NB12

PLAIN FLAT

ASHLAR 2 BLOCK

NB15

PLAIN FLAT

NATURAL STONE

COLOURS

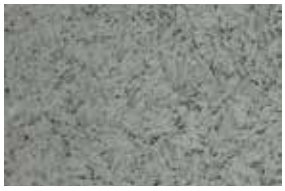
A collection of our most popular colours, the 6 swatches below are timeless options that blend seamlessly into the surrounding environment.

02589 TAN

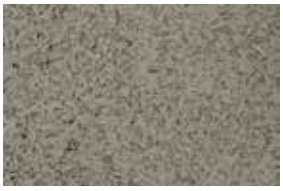
1082D TAN

11988 BROWN

1004B NATURAL



09187 GREY



1538B GREY

***Use this palette as a guide only.** Durisol's absorptive texture creates colour dimension and variation. It should also be noted that wall colours will vary during the day as they go from sun to part-sun to shade.

Drawings and product details are for information and/or illustrative purposes only, and may vary.
Please contact your local Durisol representative for the most current product information.
*NRC rating is based on surface pattern and panel thickness.

As industry leaders, Durisol® models the highest standards of noise & retaining wall systems to serve the robust needs of the transportation, building and energy sectors across North America.

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