



**SOLAR  
POWERED**



**HANS**<sup>®</sup>  
BLINDS BETWEEN GLASS



**Embrace Intelligent Windows and Doors**

**HANS**<sup>®</sup>  
BLINDS BETWEEN GLASS

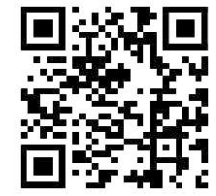
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## MEET HANS

Pioneers in innovation since 2003, HANS is committed to enhancing the quality and delivery of our solutions to our clients. This dedication has resulted in the acquisition of over 80 patents and a growing number of remarkable innovations.

We sincerely look forward to extending our innovative lifestyle to even more families. Envision, strategize, and realize your upcoming project with HANS solar-driven integrated blinds glass, and immerse yourself in our commitment to enhancing your life.

Blinds Between Glass (BBG)

## SOLAR-POWERED INTEGRATED BBG

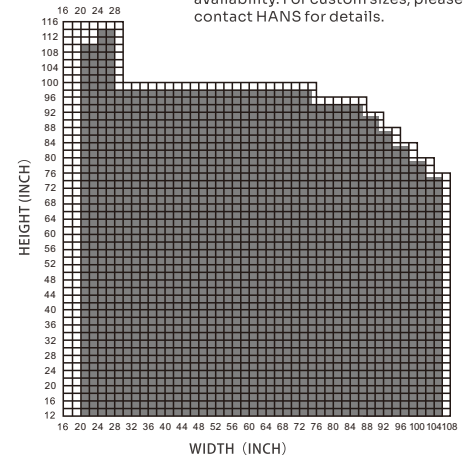


POWER SWITCH

SPACER THICKNESS  
7/8" (22MM)

INTERIOR PANE

### SIZE RANGE



■ Thinner glass allows for larger size availability. For custom sizes, please contact HANS for details.

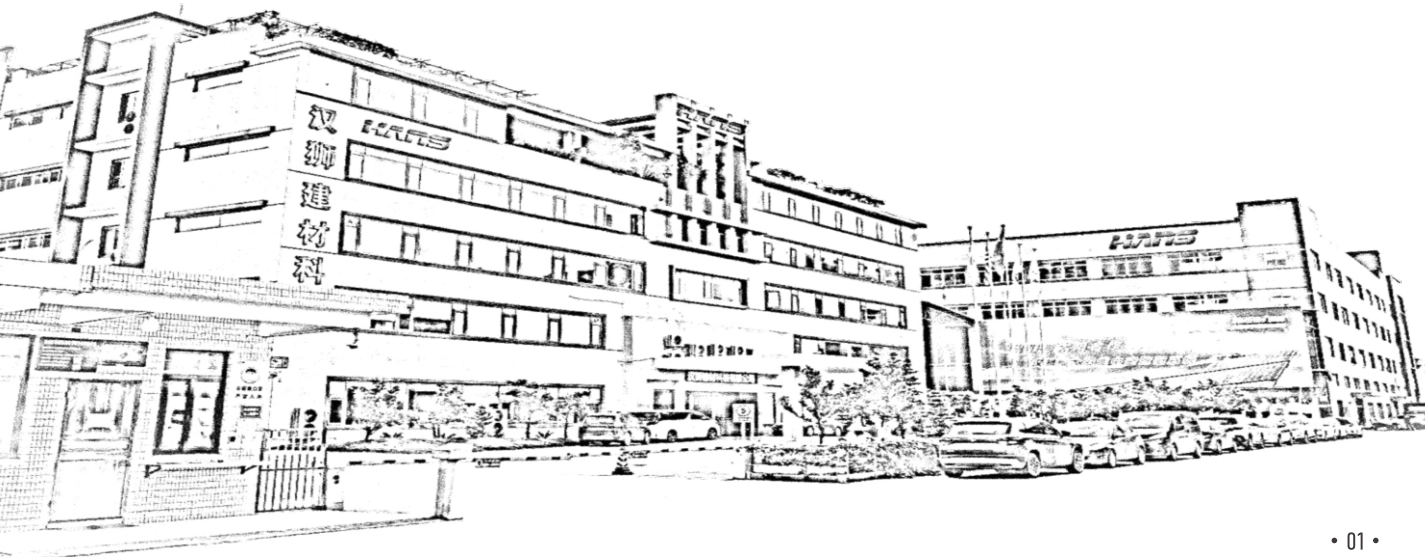
Model	Inner Glass	Spacer	Outer Glass	Overall Thickness	Shadings
22A	1/8"	7/8"	1/8"	1 1/8"	Blinds
	1/5"	7/8"	1/5"	1 1/5"	Blinds







Additional optional glass categories, glass thickness, and coatings available

**100+**  
R&D Engineers

**700,000+**  
Annually Produced Sets

**1000+**  
Professional Employees

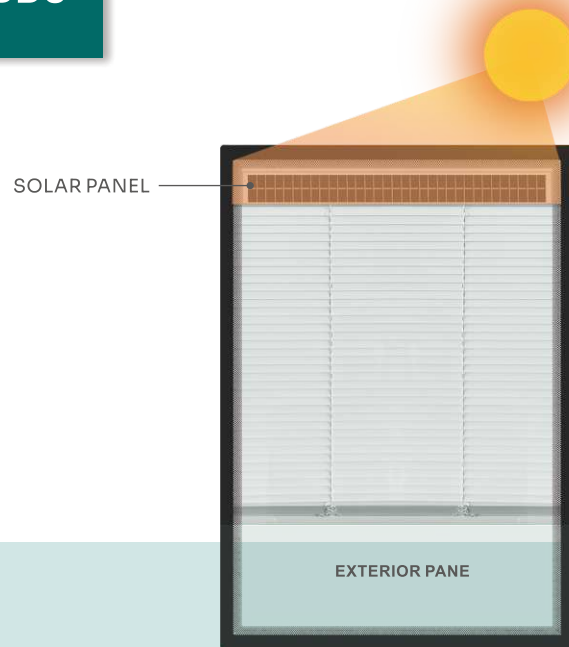


-  Built-In Receiver
-  Extended Battery Standby
-  Silent Motor
-  Built-In Louvers
-  Wireless
-  Remote Control

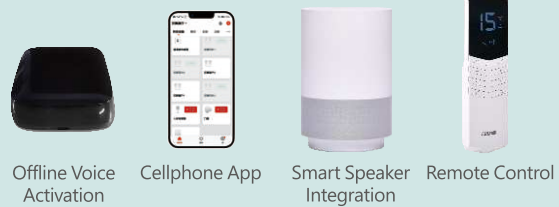
# SOLAR-POWERED INTEGRATED BBG

# SOLAR-POWERED INTEGRATED BBG

- Ability to charge with only 500 lumens, even without direct sunlight.
- Able to charge continuously even in weak sunlight and on cloudy days.



## Intelligent Control Systems



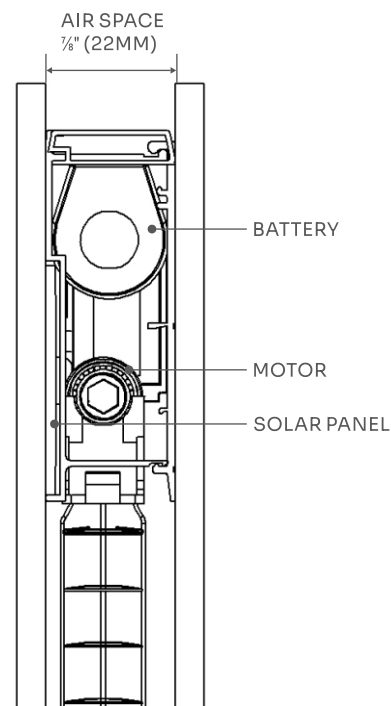
~~No AC 110V Needed~~  
Fully Solar Powered

## DETAILS:

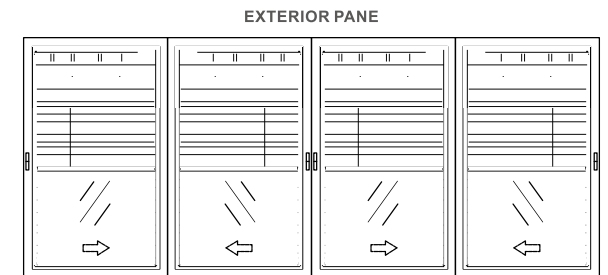
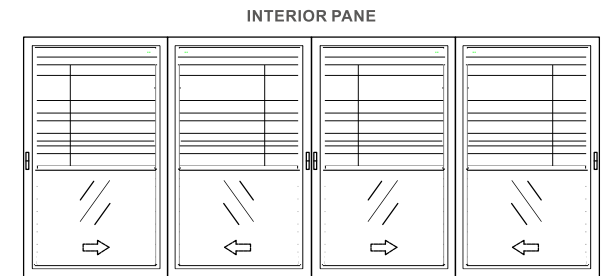
- Dimensions
  - a) Max Width : 133"
  - b) Max Height : 118"
  - c) Max ft<sup>2</sup>: 13.5 ft<sup>2</sup> ( with 1/8" glass)  
60 ft<sup>2</sup> ( with 1/5" glass)
- Tempered or Annealed Glass, Low-E Glass

## FEATURES:

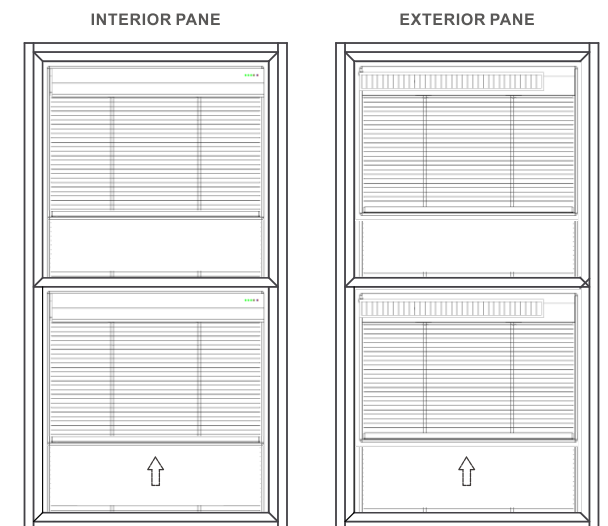
- Raise, lower, and tilt blinds (Ideal for windows, doors and sunroom)
- Blinds between sealed glass, inert argon gas content up to 80%
- Condensation Resistance at -76°F (-60°C)
- Solar-Powered, built-in rechargeable battery, built-in DC motor and built-in HANS solar control system
- UV Resistant Blinds, Cordless, and Dust Free
- Remote control , off-line voice control
- Compatible with Alexa and Google home
- No building hare wire
- Successfully tested over 30,000 cycles
- Energy efficient Low-E available in all sizes
- 10 year warranty



## Suitable for Doors For example: Sliding Doors



## Suitable for Windows For example: Hung Windows





# MANUAL

## MANUAL BLINDS BETWEEN GLASS



### DETAILS:

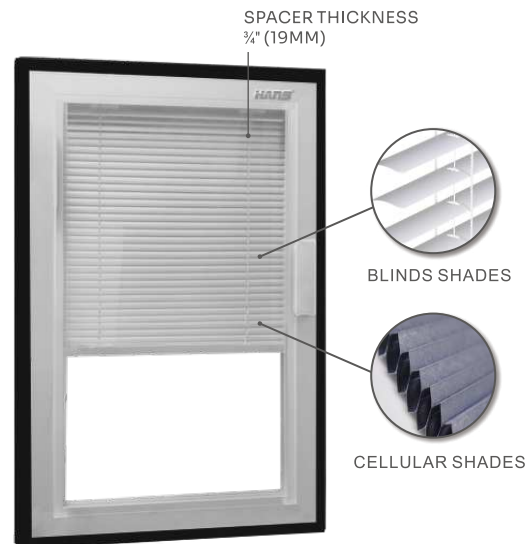
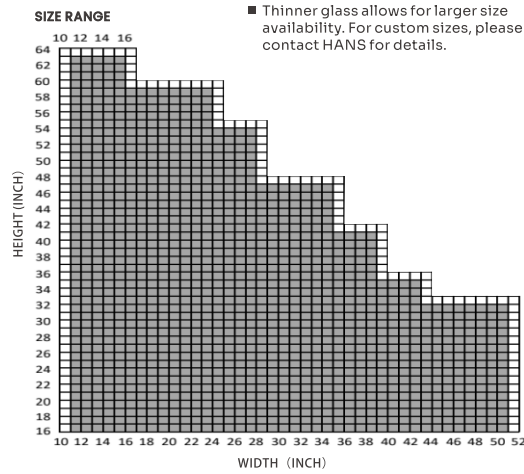
- Dimensions
  - a) Max Width: 51"
  - b) Max Height: 63"
  - c) Max ft<sup>2</sup>: 11 ft<sup>2</sup> (1/8" glass)  
38 ft<sup>2</sup> (1/5" glass)
- Tempered or Annealed Glass, Low-E Glass

### FEATURES:

- Raise, lower, and tilt blinds (ideal for windows, doors and sunrooms)
- Blinds between sealed glass, inert argon gas content up to 80%
- Condensation Resistance at -76°F (-60°C)
- Single operator or dual operators, cordless
- Transparent operator track does not affect the overall appearance
- UV Resistant Blinds, Dust Free
- Successfully tested over 60,000 cycles
- Energy efficient Low-E available in all sizes

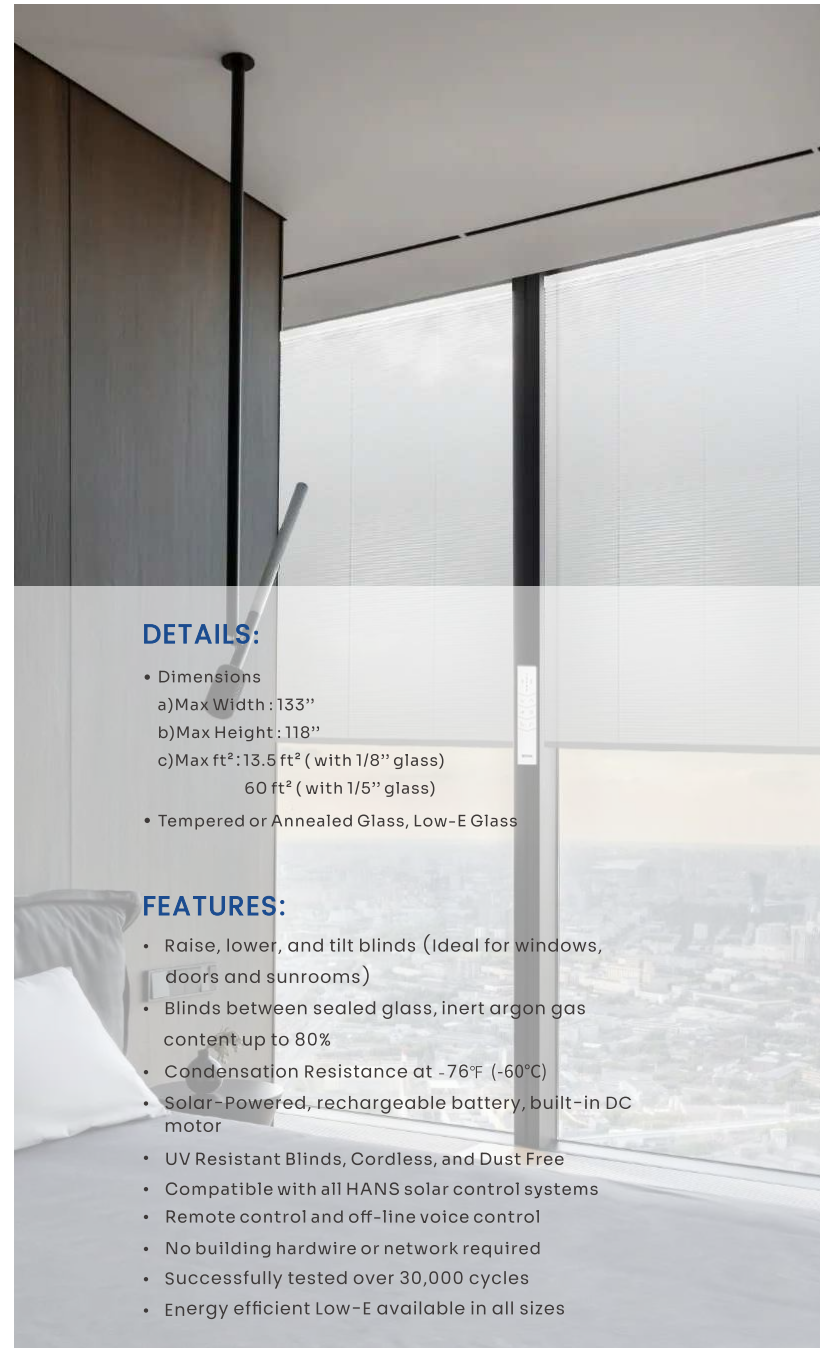
Model	Inner Glass	Spacer	Outer Glass	Overall Thickness	Shadings
19A	1/8"	3/4"	1/8"	1"	Blinds
	1/5"	3/4"	1/5"	1 1/7"	Blinds

Additional optional glass categories, glass thickness, and coatings available



# MOTORIZED

## BUILT-IN STRINGS BLINDS GLASS



### DETAILS:

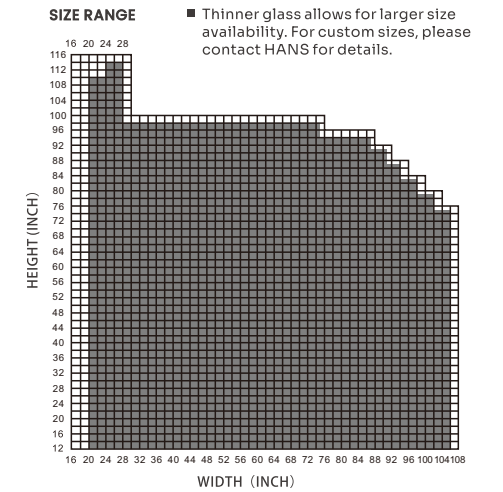
- Dimensions
  - a) Max Width: 133"
  - b) Max Height: 118"
  - c) Max ft<sup>2</sup>: 13.5 ft<sup>2</sup> (with 1/8" glass)  
60 ft<sup>2</sup> (with 1/5" glass)
- Tempered or Annealed Glass, Low-E Glass

### FEATURES:

- Raise, lower, and tilt blinds (ideal for windows, doors and sunrooms)
- Blinds between sealed glass, inert argon gas content up to 80%
- Condensation Resistance at -76°F (-60°C)
- Solar-Powered, rechargeable battery, built-in DC motor
- UV Resistant Blinds, Cordless, and Dust Free
- Compatible with all HANS solar control systems
- Remote control and off-line voice control
- No building hardwire or network required
- Successfully tested over 30,000 cycles
- Energy efficient Low-E available in all sizes

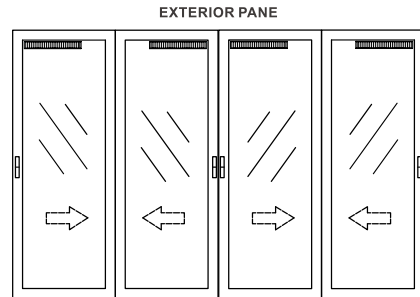
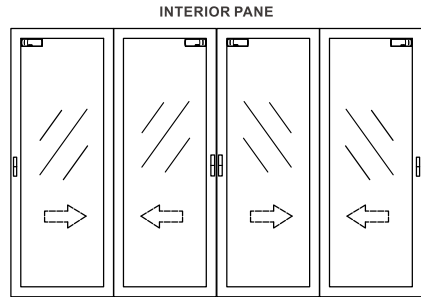
Model	Inner Glass	Spacer	Outer Glass	Overall Thickness	Shadings
20A	1/8"	3/4"	1/8"	1"	Blinds
	1/5"	3/4"	1/5"	1 1/5"	Blinds

Additional optional glass categories, glass thickness, and coatings available



# D22C/D33C

## CONTROL ACCESSORIES



### DETAILS:

#### 1. Solar Panel

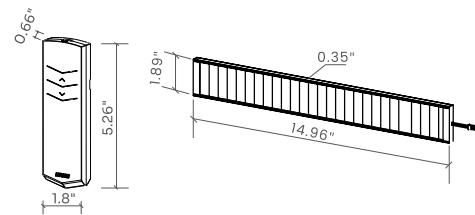
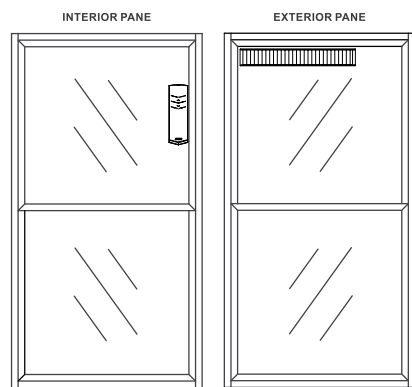
- Low sunlight requirement. It can even charge continuously on cloudy days
- Ultra-low power dissipation
- Longevity: 10 years
- Working Temperature:  $-40^{\circ}\text{F} \sim +185^{\circ}\text{F}$  ( $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ )
- Installation Method: Paste on outer glass

#### 2.Receiver

- Control Quantity: 1 Panel (Single Blind Operation)
- Installation Method: Paste on inner glass of the insulated glass
- 400mAh Rechargeable battery and easily replaced
- Working Temperature:  $+14^{\circ}\text{F} \sim +158^{\circ}\text{F}$  ( $-10^{\circ}\text{C} \sim +70^{\circ}\text{C}$ )

### FEATURES:

- Ideal for bi-fold doors, sliding doors and patio doors with multiple panels
- Remote control and off-line voice control
- No building power supply and network required
- Zero-Carbon lifestyle, energy efficient, and environmentally friendly
- One receiver and one solar panel are able to operate 1 piece of blinds glass



### DETAILS:

#### 1. Solar Panel

- Low sunlight requirement. It can even charge continuously on cloudy days
- Ultra-low power dissipation
- Longevity: 10 years
- Working Temperature:  $-40^{\circ}\text{F} \sim +185^{\circ}\text{F}$  ( $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ )
- Installation Method: Paste on outer glass

#### 2.Receiver

- Control Quantity: 8 Panels (8 Blinds Operation)
- Installation Method: Paste on the inner glass of the insulated glass or mullions/screw into mullions
- 800mAh Rechargeable battery and easily replaced
- Working Temperature:  $+14^{\circ}\text{F} \sim +158^{\circ}\text{F}$  ( $-10^{\circ}\text{C} \sim +70^{\circ}\text{C}$ )

### FEATURES:

- Ideal for windows and doors with multiple panels
- No building power supply and network required
- Zero-Carbon lifestyle, energy efficient, and environmentally friendly
- Touch control buttons: Single-click to tilt/stop, long-press to raise/lower
- One receiver and one solar panel are able to operate 4 pieces of blinds glass

## CERTIFICATES AND PATENTS

