



SMART EMERGENCY LIGHTING

Bluetooth Enabled Technology



Project Name: _____

Model Number: _____

Prepared By: _____

Date: _____

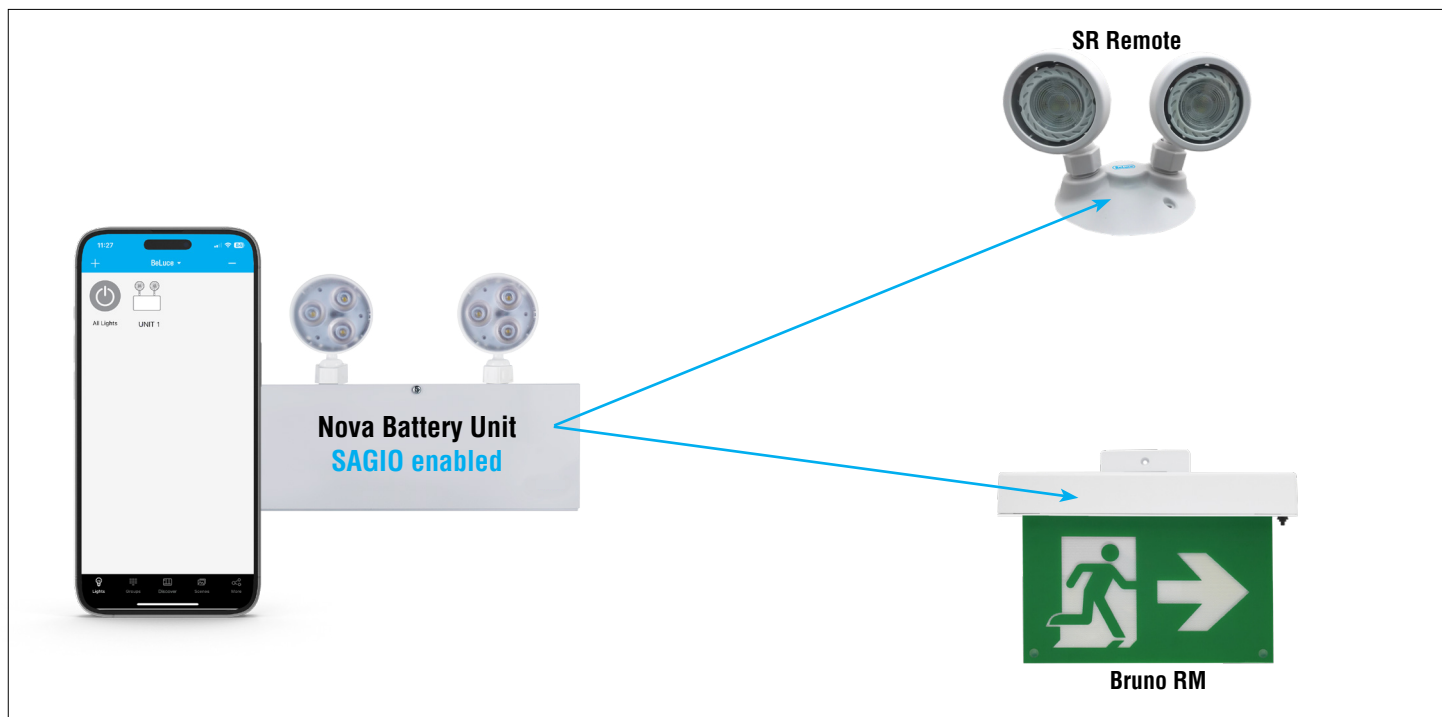
SAGIO YOUR SMART EMERGENCY LIGHTING SOLUTION

Sagio is a powerful, smart bluetooth-enabled technology tool that can simplify and enhance the secure management of your emergency lighting units. With Sagio, you can effortlessly control and customize emergency lighting throughout your building directly from your mobile device (smartphone or tablet) from an app. Sagio's bluetooth-enabled smart system is designed to automate testing and record keeping for emergency lighting. Managing mandatory inspections can be time-consuming and prone to manual errors. Sagio simplifies this process with intelligent automation, easily creates test schedules, monitors performance in real time, and automatically logs results into a secure, comprehensive digital report, all from your smart device. Experience enhanced connectivity, greater energy efficiency and a new level of convenience in emergency lighting management.

HOW SAGIO WORKS

Using bluetooth mesh connectivity via a smart device, it will communicate with all connected emergency lights in your facility up to 100ft or more between devices, initiating scheduled tests according to the National Fire Code of Canada. Sagio Emergency lighting is available with our Sagio enabled compatible battery units and combos. By connecting through the app to your Sagio-enabled device (battery unit), you can control and monitor all connected units, including signs and remote heads.

SAGIO EMERGENCY LIGHTING TECHNOLOGY CONCEPT



BLUETOOTH MESH CONTROL

Integrated bluetooth Mesh technology allows controllable features via BeLuCe's Sagio App. Controllable features include:

- Create groups and schedules
- Generate, view, and share reports for enhanced system monitoring





SMART EMERGENCY LIGHTING

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SAGIO BENEFITS

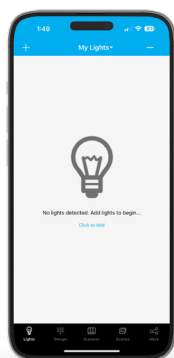
AUTOMATION & TIME EFFICIENCY	COMPLIANCE & ACCOUNTABILITY	ENHANCED SAFETY	EASY TO USE
Sagio takes care of the entire testing process, reducing labour costs and freeing up valuable time for facility managers and safety teams.	Sagio creates detailed reports that demonstrate compliance with safety standards, helping to avoid penalties and maintain a safer environment.	Automated testing ensures emergency lights are regularly checked and functioning.	Manage all aspects of testing and reporting right from your Smart device

SAGIO CONTROL SYSTEM FEATURES

Integrating the latest in bluetooth mesh technology, Sagio products allows for customizable features that can be adjusted at your fingertips using a smart device. Key features of the Sagio control system:

LIGHTS

Instantly view and control individual lights and emergency devices.



- Add
- Name / Rename
- Delete

GROUPS

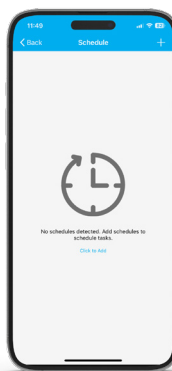
Easily group luminaires together and control them as a single unit.



- Create
- Rename
- Delete
- Add / Remove Lights

SCHEDULING

Schedule functional and discharge tests.



- Schedule functional test
- Schedule discharge test

REPORT

Generate, view and share reports seamlessly with just a few clicks.



- Generate report
- View report
- Share report

Note that the features mentioned are part of a broader range of characteristics relating to the Sagio ecosystem and may not be applicable to this specific product. Customers are advised to review the product specifications carefully to understand their capabilities.

CAPACITY LIMITS

EMERGENCY LIGHTING DEVICE	Up to 100 emergency lighting devices (nodes) per zone. Unlimited zones available; with each zone having its own shareable QR code with commands and setting info assignable for administrative or user level.
EMERGENCY LIGHTING DEVICE / GROUP	An emergency lighting device can be a member of up to 20 groups.
REPORT LOG	The report log can store up to 500 test reports. After this limit, the oldest test will be automatically deleted
MAXIMUM DISTANCE BETWEEN UNITS	Bluetooth supports a maximum range of 100 feet (30.5 meters) under ideal, unobstructed conditions.

COMPATIBLE DEVICES

Battery Units: Nova, Aqua, Gemini, Gemma, Optima

RM Combos: Stella Combo RM, Quadra Combo RM, Aqua Combo RM





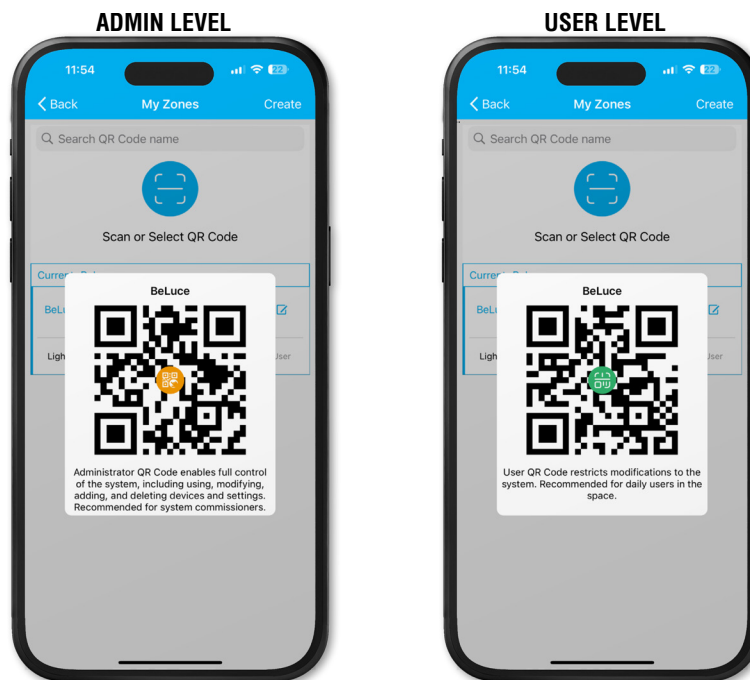
SMART EMERGENCY LIGHTING

Bluetooth Enabled Technology



SAGIO SECURITY:

Security is important, which is why the Sagio App employs data encryption to ensure mesh network security. The configuration settings for each device are stored in encrypted QR codes, and each network device cannot be accessed without the QR code. There are two main privilege levels, each associated with its own distinct QR code. Admin privileges, linked to an orange QR code, are automatically granted to the project creator and include full control over the project. User privileges, associated with a green QR code, are granted when project access is shared with others. Users with this level of access have limited, read-only capabilities, allowing them to access unit status and download the report but not modify or edit the project settings.



HOW TO DOWNLOAD THE APP

To download the Sagio App, scan the QR code below, which corresponds to the type of smartphone that will be downloading the App:



Download on the
App Store



GET IT ON
Google Play

Sagio is supported on most Android smartphones. Some Android mobile devices may not be supported due to issues with the phone's hardware or firmware. Sagio requires access to the network and bluetooth features on your mobile device. Please approve these access requests. The App will not collect users' private data. Accept the prompt to allow access to photos for QR codes to be automatically saved in your album. Sagio will send updates to the App when there are new features or bug fixes. Please enable the auto-update setting of Sagio so the updated version of the App will be pushed to your mobile device.

SAGIO APP COMPATIBILITY:

iOS: Most iPhones using iOS 12.0 or later, iPad requires iOS 12.3 or later and version iOS 1.0 or later.
Android: Supports Android 7.0 and up, ensuring it works on most modern smartphones.



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ENABLED COMPATIBLE DEVICES



AQUA COMBO RM - SAGIO



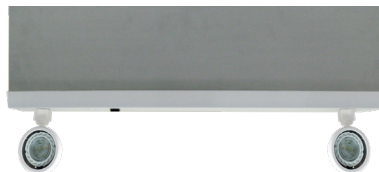
QUADRA COMBO RM - SAGIO



STELLA COMBO RM - SAGIO



AQUA BATTERY UNIT - SAGIO



GEMMA - SAGIO



GEMINI - SAGIO



NOVA BATTERY UNIT - SAGIO



OPTIMA - SAGIO

STANDARD PICTOGRAMS



OLR Universal Pictogram Option (single face) comes standard with three pictogram legends for direction selection.



L & R Indicator Pictogram Option (double face) comes standard with two pictogram legends.



For double face no arrow options, select "No indicators" on the options column.

SAGIO

QUADRA COMBO RM

Aluminum Combo



QUADRA COMBO RM - SAGIO

QR-RM-ST - - - - -

SERIES	WATTS	LIGHT SOURCE	FACE #	PICTOGRAM	MOUNTING	HEADS	LAMPS	AC VOLTAGE	OPTIONS
QR-RM-ST	6-36 12-36 12-50	L (LED)	1 (Single) 2 (Double)	OLR (Universal pictograms) O (No indicators) D (Down indicator) U (Up indicator) UR (45° up right) DR (45° down right) UL (45° up left) DL (45° down left)	W (Wall mount) C (Ceiling mount)	0 (None) 1SR (One head) 2SR (Two heads) 1LR (One head) 2LR (Two heads) 1BTMR (One head) 2BTMR (Two heads) 1SEA (One MR16 head) 2SEA (Two MR16 heads) 1TESSQ (One head, HO) 2TESSQ (Two heads, HO)	See Lamp Selection	F (120/347V) B (277V)	BU (Sagio bluetooth - Standard) ADA (Audible alarm) ADE (Audible emergency) LD (Lamp disconnect - internal) SM (Side mount heads) TD (Time delay) WHT (White) BLK (Black) GRY (Grey)

NOTE*: No Indicator is used for double face only; **NOTE†**: Not compatible with Testa Heads.

FEATURES & SPECIFICATIONS

- Extruded aluminum construction
- Slide in/out captive faceplate(s) and backplate for rapid and simplified installation
- Universal spider knockout pattern stamped into backplate for junction box mounting
- Universal models include ceiling or end mount, field installable canopy kit c/w spider plate
- Multiple conduit entry knockouts
- White powder coat finish standard, other finishes and colours optional
- Front head mounted is standard, side mount is optional
- 30 minutes emergency power duration standard
- Solid state design and construction with brownout and short circuit protection
- Temperature compensated
- Maintenance free, sealed lead acid battery
- Meets requirements of ICES-005
- Certification CSA to C22.2 #141-15
- CSA Certified to C860-11

MODEL RATING GUIDE

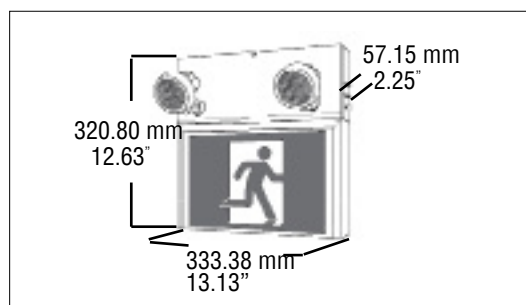
MODEL	VOLTAGE (OUTPUT)	WATTAGE CAPACITIES (W)			
		30 MIN	60 MIN	90 MIN	120 MIN
QR-RM-ST-6-36	6	36	18	12	9
QR-RM-ST-12-36	12	36	18	12	9
QR-RM-ST-12-50	12	50	25	16	12

LAMP SELECTION

	6V	12V
Composite Tungsten	9W	9, 12, 18W
Quartz (Q)	12W	12W (20, 55W, PAR36 only)
LED-MR16	2W	2, 5, 7W
MR16*	N/A	50W
LED Module (array)	3, 4W	3, 4W
TESTA Square Lamps	N/A	5, 9, 14, 30W
Sealed beam LED (PAR36 only)	N/A	6W

NOTE: MR16 not available in SR head

DIMENSIONS



WIREGUARD

		PART #	DIMENSIONS (in)
Without head	Wall mount	WGD590-V2	16.75 x 17.75 x 6.5
	Ceiling mount	WGD650-V2	17.75 x 17.75 x 16.50
	End mount	WGD650-V2	17.75 x 17.75 x 16.50
With head(s)	Wall mount	WGD510-V2	19.75 x 19.75 x 7.25
	Ceiling mount	WGD650-V2	17.75 x 17.75 x 16.50
	End mount	WGD650-V2	17.75 x 17.75 x 16.50

LEXAN GUARD

	PART #	DIMENSIONS (in)
Wall Mount	PGD111	19.75 x 14 x 8
Ceiling Mount	PGD100	16 x 10 x 13.5

SAGIO

STELLA COMBO RM

Steel Combo



STELLA COMBO RM - SAGIO

SL-RM-ST

SERIES	WATTS	LIGHT SOURCE	FACE #	PICTOGRAM	MOUNTING	HEADS	LAMPS	AC VOLTAGE	OPTIONS
SL-RM-ST	6-36 12-36 12-50	L (LED)	1 (Single) 2 (Double) U (Universal)	0LR (Universal pictograms) *0 (No indicator) D (Down indicator) U (Up indicator) UR (45° up right) DR (45° down right) UL (45° up left) DL (45° down left)	W (Wall) C (Ceiling) M (Universal mount)	0 (None) 1SR (PAR18 small, one head) 2SR (PAR18 small, two heads) 1LR (PAR36 large, one head) 2LR (PAR36 large, two heads) 1BTMR (MR16, one head) 2BTMR (Two heads) 1SEA (One MR16 head) 2SEA (Two MR16 heads) 1TESSQ (One head, HO) 2TESSQ (Two heads, HO)	See Lamp Selection	F (120/347V) B (277V)	BU (Sagio bluetooth - Standard) ADA (Audible alarm) ADE (Audible emergency) BLK (Black) GRY (Grey) WHT (White) LD (Lamp disconnect - internal) 1SM (Side mount heads) TD (Time delay) TP (Tamper proof screws) 2PK12 (12" pendant kit)

NOTE¹: No Indicator is used for double face only; **NOTE**²: Not compatible with Testa Heads; **NOTE**³: Not available with wall mount

FEATURES & SPECIFICATIONS

- 20 Gauge steel construction
- Slide out faceplates and backplates for rapid and simple installation
- Universal spider knockout pattern stamped into backplate for junction box mounting
- Universal models include ceiling or end mount, field installable canopy kit c/w spider plate
- Multiple conduit entry knockouts
- White powder coat finish standard
- Front head mounting is standard, side mount is optional
- 30 minutes emergency power duration standard
- Brownout and short circuit protection
- Temperature compensated
- Maintenance free, sealed lead acid battery
- Meets requirements of ICES-005
- Certification CSA to C22.2 #141-15
- CSA Certified to C860-11

MODEL RATING GUIDE

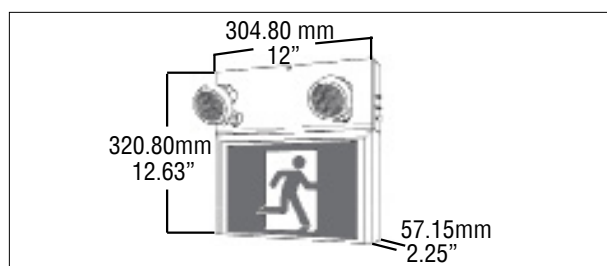
MODEL	VOLTAGE (OUTPUT)	WATTAGE CAPACITIES (W)			
		30 MIN	60 MIN	90 MIN	120 MIN
SL-RM-ST-6-36	6	36	18	12	9
SL-RM-ST-12-36	12	36	18	12	9
SL-RM-ST-12-50	12	50	25	16	12

LAMP SELECTION

	6V	12V
Composite Tungsten	9W	9, 12, 18W
Composite Quartz (Q)	2W	12W (20, 55W, PAR36 only)
LED-MR16	5, 7W	2, 5, 7W
MR16*	N/A	50W
LED Module (array)	2, 3, 4W	3, 4W
Sealed Beam LED (PAR36 only)	N/A	6W
TESTA Square Lamps	N/A	5, 9, 14, 30W

NOTE¹: MR16 not available in SR head

DIMENSIONS



WIREGUARD

		PART #	DIMENSIONS (in)
Without head	Wall mount	WGD590-V2	16.75 x 17.75 x 6.5
	Ceiling mount	WGD650-V2	17.75 x 17.75 x 16.50
	End mount	WGD650-V2	17.75 x 17.75 x 16.50
With head(s) *	Wall mount	WGD510-V2	19.75 x 19.75 x 7.25
	Ceiling mount	WGD650-V2	17.75 x 17.75 x 16.50
	End mount	WGD650-V2	17.75 x 17.75 x 16.50

*For TES-SQ heads, please contact your customer service representative for more information

LEXAN GUARD

	PART #	DIMENSIONS (in)
Wall Mount	PGD111	19.75 x 14 x 8
Ceiling Mount	PGD100	16 x 10 x 13.5
End Mount	PGD100	16 x 10 x 13.5

SAGIO

AQUA COMBO RM

Weather Proof Combo



AQUA COMBO RM - SAGIO

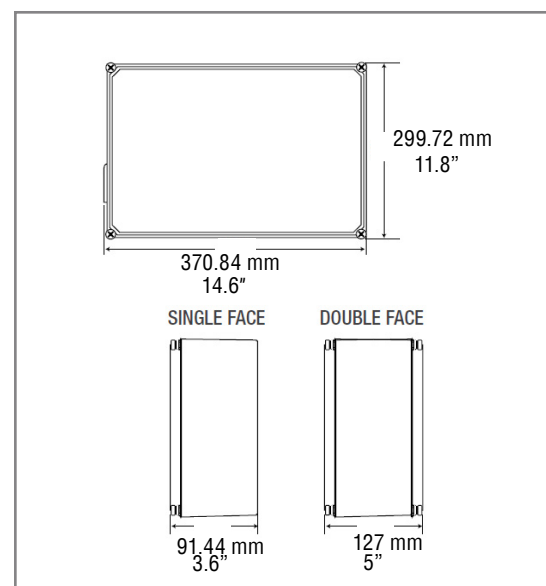
SERIES	WATTS	LIGHT SOURCE	FACE #	PICTOGRAM	MOUNTING	HEADS	LAMPS	AC VOLTAGE	OPTIONS
AQ-RM-ST	6-36 6-50 12-36 12-50 12-72 12-100	L (LED)	1 (Single) 2 (Double)	OLR (Universal pictograms) *0 (No indicator) D (Down indicator) U (Up indicator) UR (45° up right) DR (45° down right) UL (45° up left) DL (45° down left)	W (Wall mount no canopy) C (Ceiling mount factory installed)	0 (None) 1SEA (One MR16 head) 2SEA (Two MR16 heads) 1TESSQ (One head, HO) 2TESSQ (Two heads, HO) 1LRWP (One head) 2LRWP (Two heads)	See Lamp Selection	F (120V/347V) B (277V)	BU (Sagio bluetooth - Standard) TD (10 min. time delay) ADA (Audible alarm) ADE (Audible emergency) ¹ SM (Side mount heads) ² BLK (Black Mask Colour)

NOTE: No Indicator is used for double face only; **NOTE:** SM option is mandatory with Ceiling mount and Double faced units only. SM is not available with TESSQ heads; **NOTE:** For indoor use only

FEATURES & SPECIFICATIONS

- Heavy-duty fiberglass reinforced thermoplastic housing
- Face plate is form molded one piece gasket from dust and water
- Faceplate(s) is secured to the housing with four captive oversized screws
- One-way breather for escape of gasses or condensation installed on all models
- Grey finish standard. Black is an option for indoor use only
- Temperature: +10°C to +25°C
- 30 minutes emergency power duration standard
- Temperature compensated
- Maintenance free, sealed lead acid battery
- Meets requirements of ICES-005
- Certification CSA to C22.2 #141-15
- CSA Certified to C860-11

DIMENSIONS



MODEL RATING GUIDE

MODEL	VOLTAGE (OUTPUT)	WATTAGE CAPACITIES (W)				
		30 MIN	60 MIN	90 MIN	120 MIN	240 MIN
AQ-RM-ST-6-36	6	36	18	12	9	N/A
AQ-RM-ST-6-50	6	50	25	16	12	N/A
AQ-RM-ST-12-36	12	36	18	12	9	N/A
AQ-RM-ST-12-50	12	50	25	16	12	N/A
AQ-RM-ST-12-72	12	72	36	24	18	9
AQ-RM-ST-12-100	12	100	50	33	25	12

LAMP SELECTION	6V	12V
Composite Tungsten	9W	9, 12, 18W
Quartz (Q)	12W	12W (20, 55W, PAR36 only)
LED	5, 7W	2, 5, 7W
MR16	N/A	50W
TESTA Square Lamps	N/A	5, 9, 14, 30W
Sealed Beam LED (PAR36 only)	N/A	6W

WIREGUARD	PART #	DIMENSIONS (in)
Without head	WGD590-V2	16.75 x 17.75 x 6.5
With head(s)	WGD600-V2	23 x 20 x 12

Available only with wall mount and with heads mounted on top.

LEXAN GUARD	PART #	DIMENSIONS (in)
Wall Mount	PGD111	19.75 x 14 x 8
Ceiling Mount	PGD100	16 x 10 x 13.5



AQUA BATTERY UNIT - SAGIO

AQ-U-ST - - - - -

SERIES	OPERATION	CAPACITY	HEADS	LAMP TYPE	AC VOLTAGE	OPTIONS
AQ-U-ST	6 (Volt DC) 12 (Volt DC) 24 (Volt DC)	See model rating guide	0 (None) 1SEA (one MR16 head) 2SEA (two MR16 heads) 1TESSQ (One head, HO) 2TESSQ (Two heads, HO) 1LRWP (One head) 2LRWP (Two heads)	See lamp selection	F (120V/347V) B (277V)	BU (Sagio bluetooth - Standard) ACTB (AC Terminal Block - line cord delete) ADA (Audible alarm) ADE (Audible emergency) DCTB (DC Terminal Block) FD6 (6 Circuit Fused Internal Distribution) ¹ IH (Internal thermostatically controlled battery heater) LD (Lamp disconnect) ² OBM (Octagon box mount - line cord delete) TD (10 min. time delay) ^{2,3} TLP (Twist lock plug)

NOTE¹: Specify AC voltage; **NOTE²:** OBM & TLP are incompatible together; **NOTE³:** Only available in 120V.

FEATURES & SPECIFICATIONS

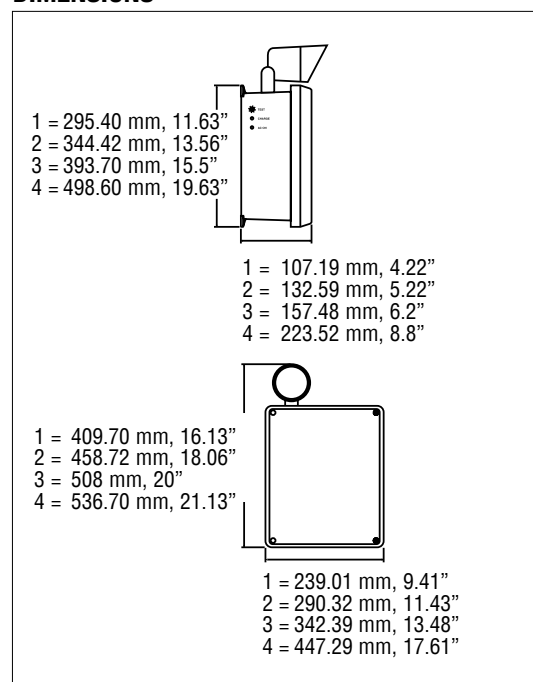
- Fully gasketed, reinforced, non-metallic housing, will not corrode or rust from water exposure
- 120 V AC line cord with liquid-tight strain relief supplied standard
- Normal operating temperature +10 °C to +25 °C and -20 °C to +25 °C with the IH option
- Temperature compensated
- Large magnum terminal screw type connectors for remote load connection
- Maintenance free, sealed lead acid battery which will provide the specified wattage for 30 minutes duration
- NEMA4X / EEMAC4X rated design
- Meets requirements of ICES-005
- Certification CSA to C22.2 #141-15

MODEL RATING GUIDE

MODEL	VOLTAGE (OUTPUT)	WATTAGE CAPACITIES (W)				¹ CABINET SIZE
		30 MIN	60 MIN	90 MIN	120 MIN	
AQ-U-ST-6-36	6	36	18	12	9	1
AQ-U-ST-6-50	6	50	25	16	12	1
AQ-U-ST-6-72	6	72	36	24	18	1
AQ-U-ST-6-100	6	100	50	33	25	2
AQ-U-ST-6-160	6	160	80	53	40	2
AQ-U-ST-6-180	6	180	90	60	45	2
AQ-U-ST-12-36	12	36	18	12	9	1
AQ-U-ST-12-50	12	50	25	16	12	1
AQ-U-ST-12-72	12	72	36	24	18	1
AQ-U-ST-12-100	12	100	50	33	25	2
AQ-U-ST-12-160	12	160	80	53	40	2
AQ-U-ST-12-200	12	200	100	66	50	3
AQ-U-ST-12-250	12	250	125	83	62	3
AQ-U-ST-12-360	12	360	180	120	90	3
AQ-U-ST-24-144	24	144	72	48	36	2
AQ-U-ST-24-200	24	200	100	66	50	2
AQ-U-ST-24-320	24	320	160	106	80	3
AQ-U-ST-24-350	24	350	175	117	88	4
AQ-U-ST-24-550	24	550	275	184	138	4
AQ-U-ST-24-720	24	720	360	240	180	4

NOTE¹: The size of the cabinet might change depending on the chosen options.

DIMENSIONS





AQUA BATTERY UNIT

Weather Proof Battery Unit

NEMA 4X



LAMP SELECTION

	6V	12V	24V
Composite Tungsten	9W	9, 12, 18W	9, 18 W
Quartz (Q)	12W	12W (20, 55W, PAR36 only)	N/A
LED-MR16	5, 7W	2, 5, 7W	5, 7W
MR16	N/A	50W	N/A
TESTA Square Lamps	N/A	5, 9, 14, 30W	5, 9, 14, 30W
Sealed Beam LED (PAR36 only)	N/A	6W	6W

LEXAN GUARD

MOUNTING TYPE	# OF HEADS	INPUT VOLTAGE	PART #	DIMENSIONS (in)
Wall Mount	1, 2	N/A	PGD111	19.75 x 14 x 8
Wall Mount	0	6V36W	PGD107	14.5 x 11.25 x 5.5
		6V50W	PGD107	14.5 x 11.25 x 5.5
		6V72W	PGD107	14.5 x 11.25 x 5.5
		6V100W	PGD107	14.5 x 11.25 x 5.5
		6V160W	PGD111	19.75 x 14 x 8
		6V180W	PGD111	19.75 x 14 x 8
		12V36W	PGD107	14.5 x 11.25 x 5.5
		12V50W	PGD107	14.5 x 11.25 x 5.5
		12V72W	PGD107	14.5 x 11.25 x 5.5
		12V100W	PGD107	14.5 x 11.25 x 5.5
		12V160W	PGD111	19.75 x 14 x 8
		12V200W	PGD111	19.75 x 14 x 8
		12V250W	PGD111	19.75 x 14 x 8
		12V360W	PGD111	19.75 x 14 x 8
		24V144W	PGD111	19.75 x 14 x 8
		24V200W	PGD111	19.75 x 14 x 8
		24V320W	PGD111	19.75 x 14 x 8
		24V350W	PGD111	19.75 x 14 x 8

WIREGUARD

		PART #	DIMENSIONS (in)
Without head	Cabinet 1	WGD590-V2	14.5 x 11.25 x 5.5
	Cabinet 2	WGD600	20.25 x 17.25 x 8.5
With head(s)*	Cabinet 1	WGD510-V2	17.25 x 17.25 x 7
	Cabinet 2	WGD600	19.75 x 19.75 x 7.25

*For TES-SQ heads, please contract your customer service representative for more information



GEMINI BATTERY UNIT

Vandal Resistant Battery Unit



GEMINI BATTERY UNIT - SAGIO

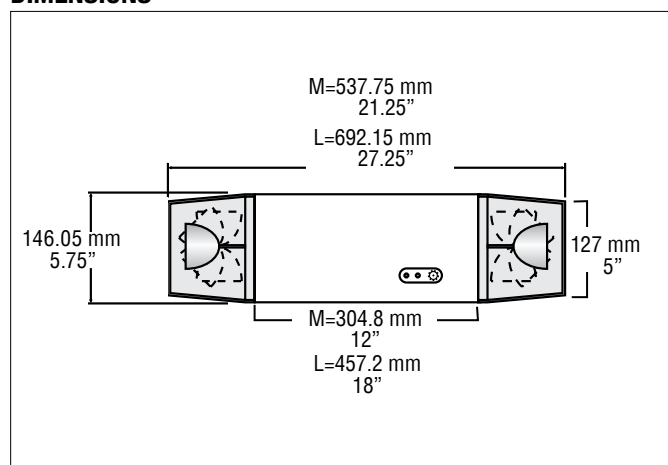
GI-ST - - - - -

SERIES	OPERATION	CAPACITY	HEADS	LAMP TYPE	AC VOLTAGE	OPTIONS
GI-ST	6 (Volt DC) 12 (Volt DC) 24 (Volt DC)	See model rating guide	2 (Two [2] x polycarbonate cubes - 2 lamps, 1 per cube) 4 (Four [4] x polycarbonate cubes - 4 lamps, 2 per cube)	See lamp selection	F (120/347V) B (277V)	BU (Sagio bluetooth - Standard) ADA (Audible alarm) ADE (Audible emergency) FD6 (Six Circuit Fused Internal Distribution) LD (Lamp disconnect - internal) TD (Time delay) TP (Tamper proof screws) WHT (White) BLK (Black) GRY (Grey)

FEATURES & SPECIFICATIONS

- Heavy-duty, one piece, molded Lexan cube lamp assembly shields
- 20 Gauge steel construction housing
- U-shaped wrap-around steel cover plate
- Low profile, rectangular cabinet
- Multiple conduit entry knockouts
- Universal spider knockout pattern and keyhole mounting slots stamped into back of cabinet
- Each individual lamp assembly is fully adjustable and aimable
- White powder coat finish standard, other finishes and colours optional
- 30 Minutes emergency power duration standard
- Brownout and short circuit protection
- Temperature compensated
- Large magnum terminal screw type connectors for remote load connection
- Maintenance free, sealed lead acid battery
- Meets requirements of ICES-005
- Certification CSA to C22.2 #141-15

DIMENSIONS



MODEL RATING GUIDE

MODEL	VOLTAGE (OUTPUT)	WATTAGE CAPACITIES (W)				CABINET SIZE
		30 MIN	60 MIN	90 MIN	120 MIN	
GI-ST-6-36	6	36	18	12	9	M
GI-ST-6-50	6	50	25	16	12	M
GI-ST-6-72	6	72	36	24	18	M
GI-ST-6-100	6	100	50	33	25	L
GI-ST-12-36	12	36	18	12	9	M
GI-ST-12-50	12	50	25	16	12	M
GI-ST-12-72	12	72	36	24	18	L
GI-ST-12-100	12	100	50	33	25	M
GI-ST-12-144	12	144	72	48	36	L
GI-ST-12-160	12	160	80	53	40	L
GI-ST-12-200	12	200	100	66	50	L
GI-ST-12-250	12	250	125	83	62	L
GI-ST-24-144	24	144	72	48	36	L
GI-ST-24-200	24	200	100	66	50	L

LEXAN GUARD

	PART #	DIMENSIONS (in)
Wall Mount	PGD112	27.75 x 6.25 x 6.37

WIREGUARD

	PART #	DIMENSIONS (in)
Cabinet M	WGD560-V2	27.25 x 11.25 x 8
Cabinet L	WGD660-V2	33 x 11.75 x 10

LAMP SELECTION

	6V	12V	24V
Composite Tungsten	9W	9, 12, 18W	9, 18W
Quartz (Q)	12W	12W (20W, PAR36 only)	N/A
MR16	N/A	50W	N/A
LED-MR16	5, 7W	2, 5, 7W	5, 7W

SAGIO

OPTIMA BATTERY UNIT

Dust-Tight Steel Battery Unit



OPTIMA BATTERY UNIT - SAGIO

LDT-ST - - - - -

SERIES	OPERATION	CAPACITY	HEADS	LAMP TYPE	AC VOLTAGE	OPTIONS
LDT-ST	6 (Volt DC) 12 (Volt DC) 24 (Volt DC)	See model rating guide	0 (None) 1SEA (one MR16 head) 2SEA (two MR16 heads) 1TESSQ (One head, HO) 2TESSQ (Two heads, HO) 1LR (1 head) 2LR (2 heads)	See lamp selection	F (120/347V) B (277V)	BU (Sagio bluetooth - Standard) ACTB (Terminal block AC) ADA (Audible alarm) ADE (Audible emergency) DCTB (Terminal block DC) FD6 (Six Circuit Fused Internal Distribution) LD (Lamp disconnect - internal) ¹ OBM (Octagon box mount - line cord delete) TD (Time delay) ¹ TLP (Twist lock plug)

NOTE: OBM & TLP are incompatible together.

FEATURES & SPECIFICATIONS

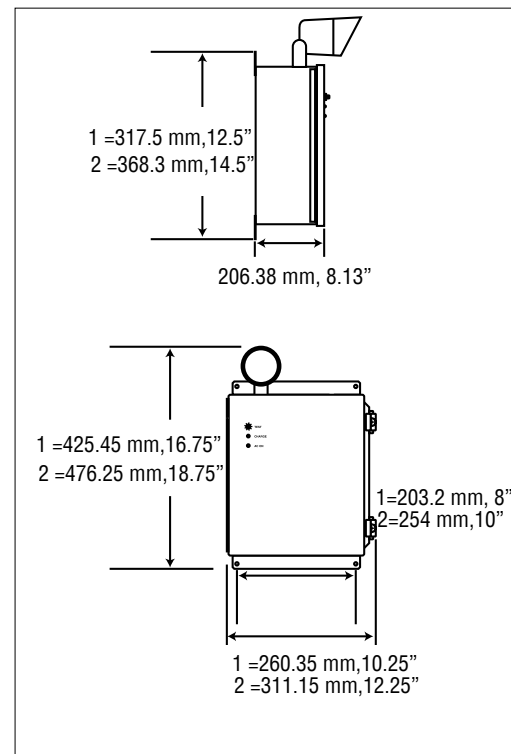
- 20 Gauge steel construction
- Four integral mounting holes (one per corner)
- 120 VAC line cord with dust-tight strain relief supplied standard
- 30 minutes emergency power duration standard
- Brownout and short circuit protection
- Temperature compensated
- Large magnum terminal screw type connectors for remote load connection
- Maintenance free, sealed lead acid battery
- NEMA12 / EEMAC12 rated design
- Meets requirements of ICES-005
- Certification CSA to C22.2 #141-15

MODEL RATING GUIDE

MODEL	VOLTAGE (OUTPUT)	WATTAGE CAPACITIES (W)				CABINET SIZE
		30 MIN	60 MIN	90 MIN	120 MIN	
LDT-ST-6-36	6	36	18	12	9	*1
LDT-ST-6-50	6	50	25	16	12	*1
LDT-ST-6-72	6	72	36	24	18	*1
LDT-ST-6-100	6	100	50	33	25	2
LDT-ST-6-160	6	160	80	53	40	2
LDT-ST-6-180	6	180	90	60	45	2
LDT-ST-12-36	12	36	18	12	9	*1
LDT-ST-12-50	12	50	25	16	12	*1
LDT-ST-12-72	12	72	36	24	18	*1
LDT-ST-12-100	12	100	50	33	25	2
LDT-ST-12-160	12	160	80	53	40	2
LDT-ST-12-200	12	200	100	66	50	2
LDT-ST-12-250	12	250	125	83	62	2
LDT-ST-12-360	12	360	180	120	90	2
LDT-ST-24-144	24	144	72	48	36	2
LDT-ST-24-200	24	200	100	66	50	2

NOTE: The size of the cabinet might change depending on the chosen options.

DIMENSIONS



WIREGUARD

Cabinet 1, 2*

PART #	DIMENSIONS (in)
WGD600-V2	23 x 20 x 12

*For TES-SQ heads, please contact your customer service representative for more information

LAMP SELECTION	6V	12V	24V
Composite Tungsten	9W	9, 12, 18W	9, 18W (25 W, PAR36 only)
Quartz (Q)	12W	12W (20, 55W, PAR36 only)	N/A
LED-MR16	5, 7W	2, 5, 7W	5, 7W
MR16	N/A	50W	N/A
TESTA SQUARE LAMPS	N/A	5, 9, 14, 30W	5, 9, 14, 30W
Sealed Beam LED (PAR36 only)	N/A	6W	6W



GEMMA BATTERY UNIT

Steel T-Bar Battery Unit



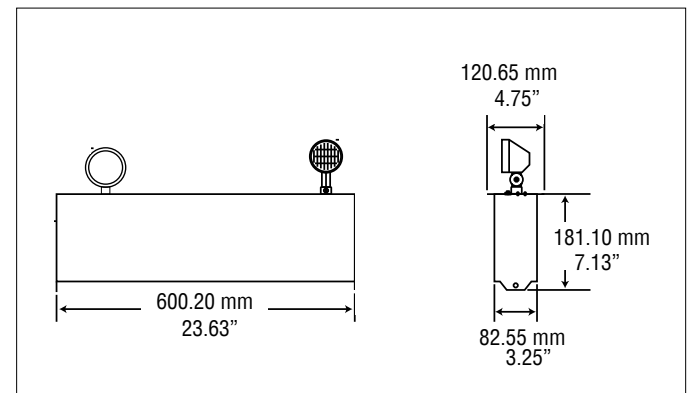
GEMMA BATTERY UNIT - SAGIO

SERIES	OPERATION	CAPACITY	HEADS	LAMP TYPE	OPTIONS
GM-ST	6 (Volt DC) 12 (Volt DC) 24 (Volt DC)	See model rating guide	0 (None) 1SR (PAR18, 1 head) 2SR (PAR18, 2 heads) BTMR1 (MR16 1 head) BTMR2 (MR16 2 heads) 1LR (PAR36, 1 head) 2LR (PAR36, 2 heads)	See lamp selection	BU (Sagio bluetooth - Standard) ADA (Audible alarm) ADE (Audible emergency) FD6 (Six Circuit Fused Internal Distribution) LD (Lamp disconnect - internal) TD (Time delay) BLK (Black)

FEATURES & SPECIFICATIONS

- 20 Gauge steel construction
- 120/347 VAC, 60 Hz Input
- One piece frame and trim with slide out recessed housing cover
- All components recess above ceiling - only trim plate is visible
- Self-centering T-bar mounting arms
- Integral eyelet holes for attachment of cable/chain supports
- Multiple conduit entry knockouts
- White powder coat finish standard, other finishes and Colours optional
- 30 Minutes emergency power duration standard
- Brownout and short circuit protection
- Temperature compensated
- Large magnum terminal screw type connectors for remote load connection
- Maintenance free, sealed lead acid battery
- Meets requirements of ICES-005
- Certification CSA to C22.2 #141-15

DIMENSIONS



MODEL RATING GUIDE

MODEL	VOLTAGE (OUTPUT)	WATTAGE CAPACITIES (W)			
		30 MIN	60 MIN	90 MIN	120 MIN
GM-ST-6-36	6	36	18	12	9
GM-ST-6-50	6	50	25	16	12
GM-ST-6-72	6	72	36	24	18
GM-ST-6-100	6	100	50	33	25
GM-ST-6-160	6	160	80	53	40
GM-ST-6-180	6	180	90	60	45
GM-ST-12-36	12	36	18	12	9
GM-ST-12-50	12	50	25	16	12
GM-ST-12-72	12	72	36	24	18
GM-ST-12-100	12	100	50	33	25
GM-ST-12-160	12	160	80	53	40
GM-ST-12-200	12	200	100	66	50
GM-ST-24-144	24	144	72	48	36
GM-ST-24-200	24	200	100	66	50

LAMP SELECTION	6V	12V
Composite Tungsten	9W	9, 12, 18W
Quartz (Q)	12W	12W (20, 55W, PAR36 only)
MR16 (SR or BTMR)	N/A	50W
LED-MR16 (SR or BTMR)	5, 7W	2, 5, 7W
LED Module	3, 4W	3, 4W
Sealed Beam (PAR36 only)	N/A	6W



NOVA BATTERY UNIT

Steel Battery Unit



NOVA BATTERY UNIT - SAGIO

NV-ST

SERIES	OPERATION	CAPACITY	HEADS	LAMP TYPE	AC VOLTAGE	OPTIONS
NV-ST	6 (Volt DC) 12 (Volt DC) 24 (Volt DC)	See model rating guide	0 (None) 1SR (Plastic, 1 head) 2SR (Plastic, 2 heads) 1BTMR (Metal 1 head) 2BTMR (Metal 2 heads) 1LR (PAR36, 1 head) 2LR (PAR36, 2 heads) 1TESSQ (One head, HO) 2TESSQ (Two heads, HO)	See lamp selection	F (120V/347V) B (277V)	BU (Sagio bluetooth - Standard) ³ ACTB (Terminal block AC-line cord delete) ADA (Audible alarm) ADE (Audible emergency) BD (Battery disconnect) DCTB (Terminal block DC) FD6 (Six Circuit Fused Internal Distribution) ² KO (1/2" Knockout for pendant mount) LD (Lamp disconnect - internal) ⁵ OBM (Octagon box mount - no line cord) TD (Time delay) ^{1,3,5} TLP (Twist lock plug) TP (Tamper proof screws) BLK (Black) GRY (Grey)

NOTE¹: Only available in 120VAC; **NOTE²:** Only available with 6V 18W, 36W, 50W, 72W & 100W; **NOTE³:** ACTB & TLP are incompatible together; **NOTE⁴:** Consult factory for 3 or more heads; **NOTE⁵:** OBM & TLP are incompatible together.

FEATURES & SPECIFICATIONS

- 18 Gauge steel construction housing
- Rugged steel cabinet with ultraguard rust-coating
- 120 V AC line cord supplied standard
- Universal spider knockout pattern and keyhole mounting slots stamped into back of cabinet
- Multiple conduit entry knockouts
- White powder coat finish standard, other finishes and Colours optional
- Top head mounting is standard, side mount is optional
- 30 Minutes emergency power duration standard
- Brownout and short circuit protection
- Temperature compensated
- Maintenance free, sealed lead acid battery
- Meets requirements of ICES-005
- Certification CSA to C22.2 #141-15

LAMP SELECTION	6V	12V	24V
Composite Tungsten	9W	9, 12, 18W	9, 18W (PAR36 only)
Quartz (Q)	12W	12W (20, 55W, PAR36 only)	N/A
LED-MR16	5, 7W	2, 5, 7W	5, 7W
MR16 *	N/A	50W	N/A
LED Module	2, 3, 4W	3, 4W	N/A
TESTA SQUARE LAMPS	N/A	5, 9, 14, 30W	5, 9, 14, 30W
Sealed Beam LED (PAR36 only)	N/A	6W	6W

*MR16 not available in SR head.

WIREGUARD

		PART #	DIMENSIONS (in)
Without head	Cabinet 1	WGD520-V2	15.75 x 11.5 x 4.5
	Cabinet 2	WGD520-V2	15.75 x 11.5 x 4.5
	Cabinet 3	WGD590-V2	16.75 x 17.75 x 6.5
	Cabinet 4	WGD650-V2	17.75 x 17.75 x 16.50
	Cabinet 5	WGD600-V2	23 x 20 x 12
With head(s) *	Cabinet 1	WGD590-V2	16.75 x 17.75 x 6.5
	Cabinet 2	WGD590-V2	16.75 x 17.75 x 6.5
	Cabinet 3	WGD590-V2	16.75 x 17.75 x 6.5
	Cabinet 4	WGD650-V2	17.75 x 17.75 x 16.50
	Cabinet 5	WGD600-V2	23 x 20 x 12

*For TES-SQ heads, please contact your customer service representative for more information

DIMENSIONS

FIGURE A

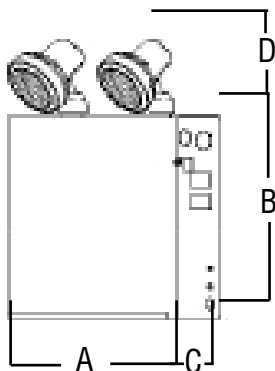
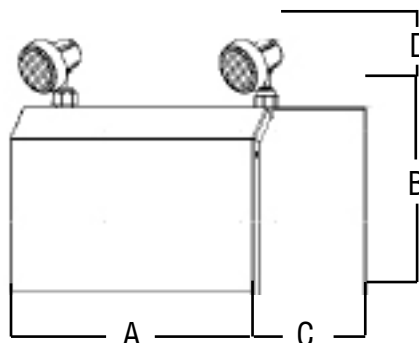


FIGURE B



UNIT SIZE	A	B	C	D	CABINET SIZE	FIGURE
(6V 18W-50W), (12V 36W-72W)	311.15mm (12.25")	124.46 mm (4.9")	64.26mm (2.53")	will vary based on heads supplied	1	A
(6V 72W-100W), (12V 100W-200W)	254mm (10")	228.60mm (9")	82.83mm (3.26")		2	A
(6V 160W-180W), (24V-144W)	342.9mm (13.5")	257.18mm (10.13")	112.06mm (4.41")		3	B
(12V 250W-360W), (24V 200W-320W)	327.66mm (12.9")	257.18mm (10.13")	216.51mm (8.52")		4	B
(24V 350W-720W)	454.66mm (17.9")	257.18mm (10.13")	216.69mm (8.53")		5	B

MODEL RATING GUIDE

MODEL	VOLTAGE (OUTPUT)	² WATTAGE (W)				¹ CABINET SIZE
		30MIN	60MIN	90MIN	120MIN	
NV-ST-6-18	6	18	18	12	10	1
NV-ST-6-36	6	36	18	12	9	1
NV-ST-6-50	6	50	25	16	12	2
NV-ST-6-72	6	72	36	24	18	2
NV-ST-6-100	6	100	50	33	25	3
NV-ST-6-160	6	160	80	53	40	3
NV-ST-6-180	6	180	126	87	72	3
NV-ST-12-36	12	36	36	24	20	1
NV-ST-12-50	12	50	36	24	20	1
NV-ST-12-72	12	72	36	24	18	2
NV-ST-12-100	12	100	50	33	25	3
NV-ST-12-160	12	160	80	53	40	3
NV-ST-12-200	12	200	100	66	50	4
NV-ST-12-250	12	250	219	169	136	4
NV-ST-12-360	12	360	233	164	144	4
NV-ST-24-144	24	144	72	48	36	3
NV-ST-24-200	24	200	100	66	50	4
NV-ST-24-320	24	320	160	160	80	5
NV-ST-24-350	24	350	175	116	87	5
NV-ST-24-550	24	550	438	338	272	5
NV-ST-24-720	24	720	466	328	288	5

NOTE¹: The size of the cabinet might change depending on the chosen options; **NOTE²:** It is recommended to load battery pack 20% under their maximum load



NOVA BATTERY UNIT

Steel Battery Unit



LEXAN GUARD

MOUNTING TYPE	# OF HEADS	INPUT VOLTAGE	PART #	DIMENSIONS (in)
Wall Mount	1,2	12V36W	PGD107	14.5 x 11.25 x 5.5
		12V50W	PGD107	14.5 x 11.25 x 5.5
		12V72W	PGD107	14.5 x 11.25 x 5.5
		12V160W	PGD111	19.75 x 14 x 8
		12V200W	PGD111	19.75 x 14 x 8
		24V144W	PGD111	19.75 x 14 x 8
		24V200W	PGD111	19.75 x 14 x 8
Wall Mount	0	6V18W	PGD107	14.5 x 11.25 x 5.5
		6V36W	PGD107	14.5 x 11.25 x 5.5
		6V50W	PGD107	14.5 x 11.25 x 5.5
		6V72W	PGD107	14.5 x 11.25 x 5.5
		6V100W	PGD107	14.5 x 11.25 x 5.5
		6V160W	PGD107	14.5 x 11.25 x 5.5
		6V180W	PGD107	14.5 x 11.25 x 5.5
		12V36W	PGD107	14.5 x 11.25 x 5.5
		12V50W	PGD107	14.5 x 11.25 x 5.5
		12V72W	PGD107	14.5 x 11.25 x 5.5
		12V100W	PGD107	14.5 x 11.25 x 5.5
		12V144W	PGD107	14.5 x 11.25 x 5.5
		12V160W	PGD107	14.5 x 11.25 x 5.5
		12V200W	PGD107	14.5 x 11.25 x 5.5
		24V144W	PGD107	14.5 x 11.25 x 5.5
		24V200W	PGD107	14.5 x 11.25 x 5.5