

โคมไฟ และไฟฉุกเฉิน

LIGHTING AND EMERGENCY LIGHTS

SUNNY



MAX BRIGHT



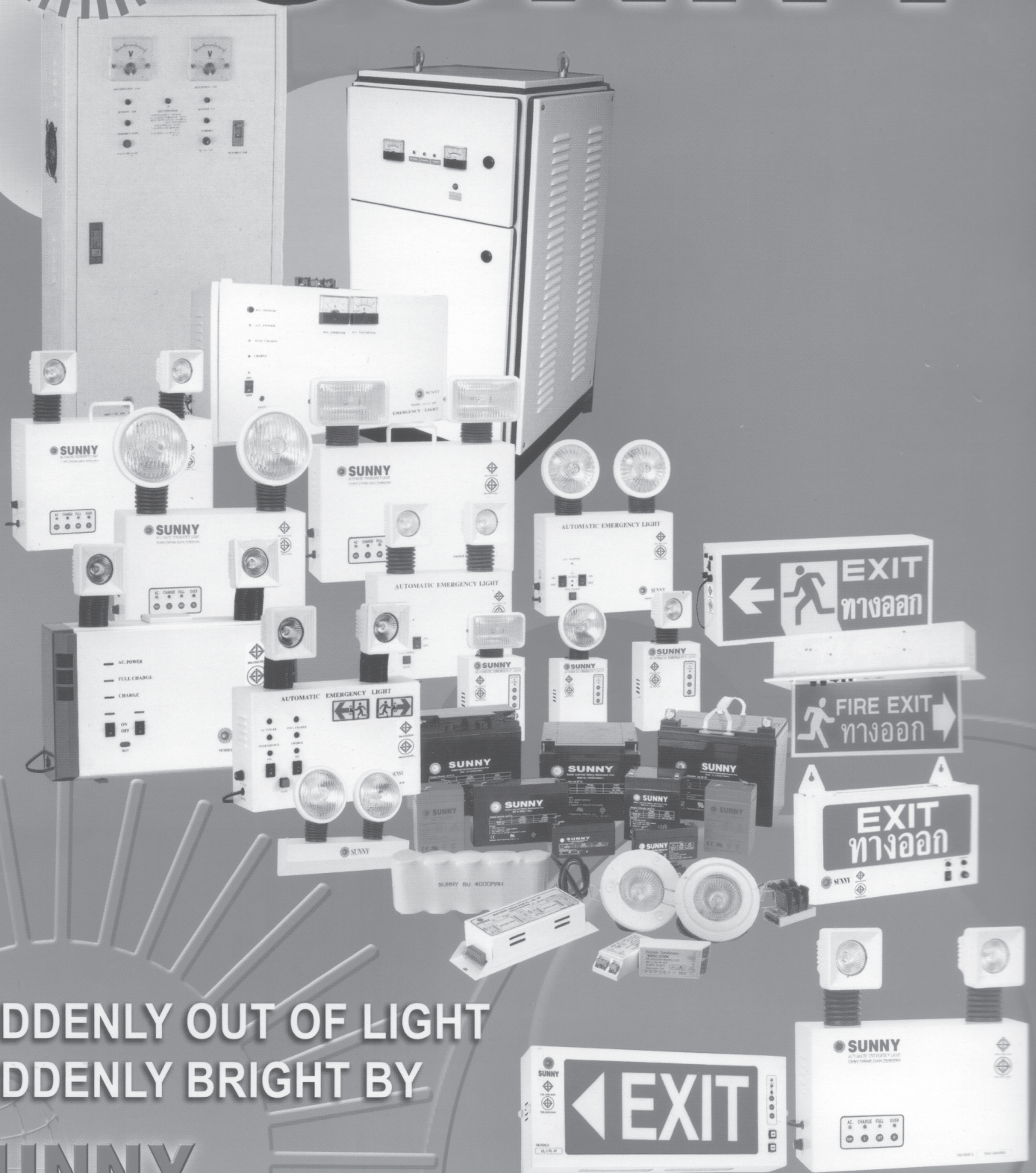
PHILIPS

PHILIPS





SUNNY



SUDDENLY OUT OF LIGHT
SUDDENLY BRIGHT BY
SUNNY

NEW PRODUCTS

BODY **5** YEARS WARRANTY
BATTERY **2** YEARS WARRANTY



TIS.1102-2538



TIS.1955-2542





BODY 5 YEARS WARRANTY
BATTERY 2 YEARS WARRANTY



TIS.1102-2538

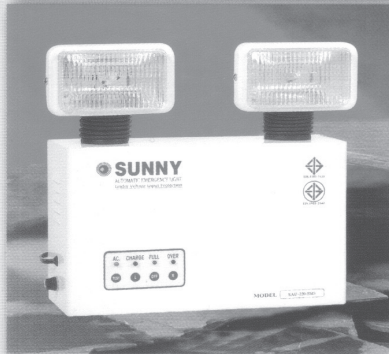
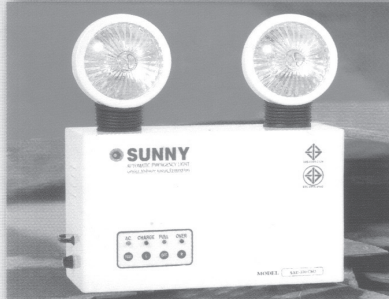
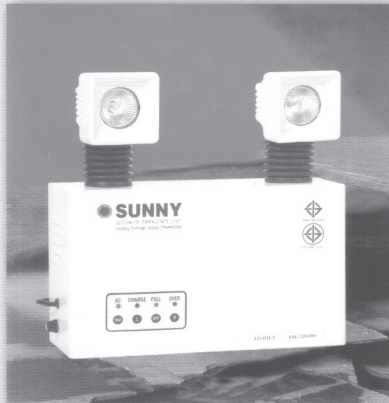


TIS.1955-2542



SELF - CONTAINED EMERGENCY LIGHTING LUMINAIRES

NAU SERIES



MODEL	HEAD LAMP		BATTERY CAPACITY	BACK-UP HOURS	DIMENSION(mm.)				WEIGHT kgs.
	BULB	WATT			L	W	HB	HL	
NAU 220DH 1	2	20	12V-7AH.	1.5	295	80	180	310	5.6
NAU 225DH 1		25		1.0					
NAU 220DH 2		20	12V-9AH.	2.0					6.9
NAU 225DH 1		25		1.5					
NAU 220DH 3		20	12V-12AH.	3.0	295	110	180	310	7.3
NAU 225DH 2		25		2.0					
NAU 235DH 1		35		1.5					
NAU 255DH 1		55		1.0					
NAU 235DH 2		35	12V-15AH.	2.0	335	95	215	345	9.7
NAU 220DH 4		20		4.0					9.9
NAU 235DH 3		35	12V-18AH.	3.0					
NAU 250DH 2		50		2.0					10.7
NAU 235DH 3		35	12V-21AH.	3.5	350	140	225	356	
NAU 255DH 2		55		2.0					
NAU 220CM 1	20	12V-7AH.	1.5						
NAU 225CM 1	25		1.0						
NAU 220CM 2	20	12V-9AH.	2.0	6.9					
NAU 225CM 1	25		1.5						
NAU 220CM 3	20	12V-12AH.	3.0	295	110	180	305	7.3	
NAU 225CM 2	25		2.0						
NAU 235CM 1	35		1.5						
NAU 255CM 1	55		1.0						

NAU 220SM 1	2	20	12V-7AH.	1.5	295	80	180	310	5.6
NAU 225SM 1		25		1.0					
NAU 220SM 2		20	12V-9AH.	2.0					6.9
NAU 225SM 1		25		1.5					
NAU 220SM 3		20	12V-12AH.	3.0	295	110	180	310	7.3
NAU 225SM 2		25		2.0					
NAU 235SM 1		35		1.5					
NAU 255SM 1		55		1.0					
NAU 235SM 2		35	12V-15AH.	2.0	335	95	215	345	9.7
NAU 220SM 4		20	12V-18AH.	4.0					9.9
NAU 235SM 3		35	12V-18AH.	3.0					
NAU 250SM 2		50	12V-21AH.	2.0					350
NAU 235SM 3		35	12V-26AH.	3.5	13.9				
NAU 255SM 2		55		2.0					

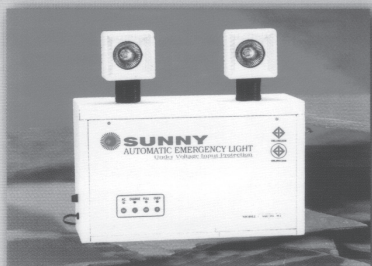


BODY 5 YEARS WARRANTY
BATTERY 2 YEARS WARRANTY

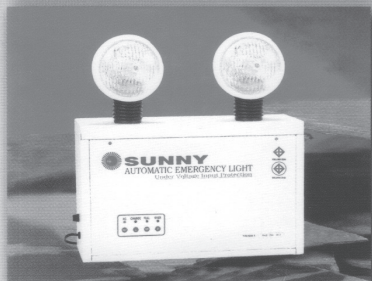


SELF - CONTAINED EMERGENCY LIGHTING LUMINAIRES

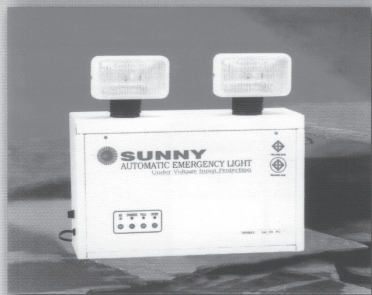
SAU SERIES



MODEL	HEAD LAMP		BATTERY CAPACITY	BACK-UP HOURS	DIMENSION(mm.)				WEIGHT kgs.
	BULB	WATT			L	W	HB	HL	
SAU 235 DH 2	2	35	12 VOLT-15AH.	2	390	100	250	420	12.7
SAU 235 DH 3		35	12 VOLT-18AH.	3					
SAU 250 DH 2		50	12 VOLT-21AH.	2					
SAU 235 DH 3		35	12 VOLT-26AH.	3.5	400	155	260	430	17.8
SAU 255 DH 2		55		2					
SAU 235 DH 4		35	12 VOLT-33AH.	4					20.6
SAU 250 DH 3		50		3					



MODEL	HEAD LAMP		BATTERY CAPACITY	BACK-UP HOURS	DIMENSION(mm.)				WEIGHT kgs.
	BULB	WATT			L	W	HB	HL	
SAU 235 CL 2	2	35	12 VOLT-15AH.	2	390	100	250	420	12.7
SAU 235 CL 3		35	12 VOLT-18AH.	3					
SAU 250 CL 2		50	12 VOLT-21AH.	2					
SAU 235 CL 3		35	12 VOLT-26AH.	3.5	400	155	260	430	17.8
SAU 255 CL 2		55		2					
SAU 235 CL 4		35	12 VOLT-33AH.	4					20.6
SAU 250 CL 3		50		3					



MODEL	HEAD LAMP		BATTERY CAPACITY	BACK-UP HOURS	DIMENSION(mm.)				WEIGHT kgs.
	BULB	WATT			L	W	HB	HL	
SAU 235 SM 2	2	35	12 VOLT-15AH.	2	390	100	250	420	12.7
SAU 235 SM 3		35	12 VOLT-18AH.	3					
SAU 250 SM 2		50	12 VOLT-21AH.	2					
SAU 235 SM 3		35	12 VOLT-26AH.	3.5	400	155	260	430	17.8
SAU 255 SM 2		55		2					
SAU 235 SM 4		35	12 VOLT-33AH.	4					20.6
SAU 250 SM 3		50		3					

SPECIFICATIONS

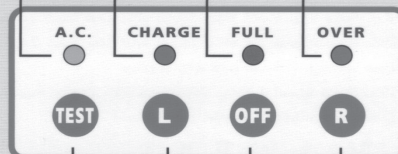
- Mode Operation : Non-Maintained
 Input Voltage : 220 Vac/50 Hz +/- 10%
 Lighting Unit : Dichroic Halogen and Halogen Lamp Sealed Beam
 Type Of Battery : "SUNNY" Sealed lead Acid Maintenance Free, ISO 9001 & Certified CE and UL Underwriters Laboratories Inc.
 Battery Charge : Automatic Battery Charger, Solid-State Trickle Charge, Constant Voltage, Charging Period 10-15 Hrs.
 Protection : A.C. Fuse to prevent short circuit and over load for A.C. Input.
 D.C. Fuse to prevent short circuit and over load for D.C. Output
 Low Voltage Cut-Off protects battery.
 Under Voltage input prevent the A.C. main supply is less than 150-160 VAC. Lamps will automatically Switch to the better-powered operation.
 Housing : Zinc Steel Sheet 1 mm. Thickness with Epoxy Powder and Stove Enamel. Anti-rust corrosion proof.

- Option : Automatic Test - Monthly Exercise.
 Remote Test - Wireless
 Sealed Nickel Cadmium Battery Maintenance Free.
 Time Delay 1-15 Minutes.

Indicators

LED "A.C." indicates incoming 220 VAC.

LED "CHARGE" indicates the battery is charging.
 LED "FULL" indicates the battery is fully charging.
 LED "OVER" indicates the battery is over charging.



SWITCH "R" on lamp right.
 SWITCH "OFF" off output lamps.
 SWITCH "L" on lamp left.
 SWITCH "TEST" test battery and output lamps.

SAU 2 35 D H 2
 BACK-UP 2 HOURS
 HALOGEN
 DICHROIC
 35 WATT
 2 LAMP
 MODEL



BODY 5 YEARS WARRANTY
BATTERY 2 YEARS WARRANTY



EXIT AND FIRE EXIT SIGN LIGHT EX SERIES



BOX STEEL



** PLASTIC BOX 'N TYPE'

MODEL	LAMP		BATTERY CAPACITY	BACK-UP HOURS	DIMENSION(mm.)			WEIGHT kgs.
	BULB	WATT			L	W	HB	
EX1FL10N"(AC)	1 FL	10	-	-	400	85	205	2.5
EX1PL11N"(AC)	1 PL	11	-	-				2.7
EX1FL10N"	1 FL	10	6V - 4.5AH.	2				4
EX2FL10N"	2 FL	10						4.2
EX1PL11N"	1 PL	11						5
EX1FL10 (AC)	1 FL	10	-	-	500	120	200	2.8
EX1PL11 (AC)	1 PL	11	-	-				3
EX1FL10	1 FL	10	6V-4.5AH.	2				4
EX2FL10	2 FL	10						4.2
EX1PL11	1 PL	11						5
EX2PL11	2 PL	11						5.2
EX1FL18	1 FL	18			750	120	200	5.7
EX2FL18	2 FL	18						6.2

Exit and Fire Exit Sign Light

- Lamp** : Fluorescent or PL.
- Sign Plate** : White Opal Diffuser screen with the exit directional and letters in both Thai and English pointing the way a person should take as exit from that place in the event of power failure or fire.
- Mounting** : The unit can be installed in Wall-Mounted, Ceiling-Mounted(Recessed) or Surface-Mounted (Ceiling Hang) with Single or Double Side signs.
- Input** : 220VAC. 50Hertz
- Housing** : Steel Sheet or Electro-Galvanized Steel Sheet 1mm. Thickness with Epoxy Powder and Stove Enamel coated, anti-rust corrosion proof.
- Battery** : SUNNY Sealed Lead Acid/Calcium Battery, Maintenance Free, ISO9001 & Certified with CE and UL Underwriters Laboratories Inc.

- Battery Charger** : Automatic Battery Charger, Solid-State, Trickle Charge, Constant Voltage Limiting Current, Charging Period 10-15 Hours.
- Protection** : Low/High Battery Charger Cut-Off
Low/High Voltage Cut-Off
A.C. Fuse to prevent short circuit and overload for A.C. Input
D.C. Fuse to prevent short circuit and overload for D.C. Output
- Indicators** : L.E.D. "A.C. POWER" indicates incoming 220VAC.
L.E.D. "D.C. POWER" indicates Outgoing 6-12VDC.
ON - OFF Switch to control the output lamps.
TEST BUTTON to test the output lamps.
- Option** : Sealed Nickel Cadmium Battery, Maintenance Free

EX 1 PL 11 S / D
DOUBLE SIDE
SINGLE SIDE
11 WATT
PL
1 LAMP
BOX

EX 1 FL 10 S / D
DOUBLE SIDE
SINGLE SIDE
10 WATT
FLUORESCENT
1 LAMP
BOX

NAU - เล็ก (BATT 12V-7.9AH.)

No.	Model	Head Lamp		Battery Capacity	Back-Up Time Hours	Unit Price
		Bule	Watts			
1	NAU 220DH1	2	20	12V-7AH.	1.5	3,000.00
2	NAU 225DH1		25		1.0	3,000.00
3	NAU 220DH2		20	12V-9AH.	2.0	3,200.00
4	NAU 225DH1		25		1.5	3,200.00
5	NAU 220CM1		20	12V-7AH.	1.5	3,000.00
6	NAU 225CM1		25		1.0	3,000.00
7	NAU 220CM2		20	12V-9AH.	2.0	3,200.00
8	NAU 225CM1		25		1.5	3,200.00
9	NAU 220CL1		20	12V-7AH.	1.5	3,000.00
10	NAU 225CL1		25		1.0	3,000.00
11	NAU 220CL2		20	12V-9AH.	2.0	3,200.00
12	NAU 225CL1		25		1.5	3,200.00
13	NAU 220SM1		20	12V-7AH.	1.5	3,000.00
14	NAU 225SM1		25		1.0	3,000.00
15	NAU 220SM2		20	12V-9AH.	2.0	3,200.00
16	NAU 225SM1		25		1.5	3,200.00

NAU - เล็ก (BATT 12V-12AH.)

No.	Model	Head Lamp		Battery Capacity	Back-Up Time Hours	Unit Price
		Bule	Watts			
1	NAU 220DH3	2	20	12V-12AH.	3.0	3,500.00
2	NAU 225DH2		25		2.0	3,500.00
3	NAU 235DH1		35		1.5	3,500.00
4	NAU 225DH1		55		1.0	3,500.00
5	NAU 220CM3		20	12V-12AH.	3.0	3,500.00
6	NAU 225CM2		25		2.0	3,500.00
7	NAU 235CM1		35		1.5	3,500.00
8	NAU 255CM1		55		1.0	3,500.00
9	NAU 220CL3		20	12V-12AH.	3.0	3,500.00
10	NAU 225CL2		25		2.0	3,500.00
11	NAU 235CL1		35		1.5	3,500.00
12	NAU 255CL1		55		1.0	3,500.00
13	NAU 220SM3		20	12V-12AH.	3.0	3,500.00
14	NAU 225SM2		25		2.0	3,500.00
15	NAU 235SM1		35		1.5	3,500.00
16	NAU 255SM1		55		1.0	3,500.00

NAU - กลาง

No.	Model	Head Lamp		Battery Capacity	Back-Up Time Hours	Unit Price
		Bule	Watts			
1	NAU 235DH2	2	35	12V-15AH.	2.0	4,200.00
2	NAU 220DH4		20	12V-18AH.	4.0	4,800.00
3	NAU 235DH3		35		3.0	4,800.00
4	NAU 250DH2		50	12V-21AH.	2.0	5,000.00
5	NAU 235CL2		35	12V-15AH.	2.0	4,200.00
6	NAU 220CL4		20	12V-18AH.	4.0	4,800.00
7	NAU 235CL3		35		3.0	4,800.00
8	NAU 250CL2		50	12V-21AH.	2.0	5,000.00
9	NAU 235SM2		35	12V-15AH.	2.0	4,200.00
10	NAU 220SM4		20	12V-18AH.	4.0	4,800.00
11	NAU 235SM3		35		3.0	4,800.00
12	NAU 250SM2		50	12V-21AH.	2.0	5,000.00

NAU - ใหญ่

No.	Model	Head Lamp		Battery Capacity	Back-Up Time Hours	Unit Price
		Bule	Watts			
1	NAU 235DH3	2	35	12V-26AH.	3.5	6,000.00
2	NAU 250DH2		50		2.3	6,000.00
3	NAU 255DH2		55		2.0	6,000.00
4	NAU 235CL3		35	12V-26AH.	3.5	6,000.00
5	NAU 250CL2		50		2.3	6,000.00
6	NAU 255CL2		55		2.0	6,000.00
7	NAU 235SM3		35	12V-26AH.	3.5	6,000.00
8	NAU 250SM2		50		2.3	6,000.00
9	NAU 255SM2		55		2.0	6,000.00

SAU - 1 โคม

No.	Model	Head Lamp		Battery Capacity	Back-Up Time Hours	Unit Price
		Bule	Watts			
1	SAU 235DH3	2	35	12V-26AH.	3.5	6,000.00
2	SAU 250DH2		50		2.3	6,000.00
3	SAU 255DH2		55		2.0	6,000.00
4	SAU 235DH4		35	12V-33AH.	4.0	7,300.00
5	SAU 250DH3		50		3.0	7,300.00
6	SAU 235CL3		35	12V-26AH.	3.5	6,000.00
7	SAU 250CL2		50		2.3	6,000.00
8	SAU 255CL2		55		2.0	6,000.00
9	SAU 235CL4		35	12V-33AH.	4.0	7,300.00
10	SAU 250CL3		50		3.0	7,300.00
11	SAU 235SM3		35	12V-26AH.	3.5	6,000.00
12	SAU 250SM2		50		2.3	6,000.00
13	SAU 255SM2		55		2.0	6,000.00
14	SAU 235SM4		35	12V-33AH.	4.0	7,300.00
15	SAU 250SM3		50		3.0	7,300.00

SAU - 2 โคม

No.	Model	Head Lamp		Battery Capacity	Back-Up Time Hours	Unit Price
		Bule	Watts			
1	SAU 220DH9	2	20	12V-40AH.	9.0	8,900.00
2	SAU 225DH7		25		7.0	8,900.00
3	SAU 235DH5		35		5.0	8,900.00
4	SAU 250DH3		50		3.5	8,900.00
5	SAU 255DH3		55		3.0	8,900.00
6	SAU 220CL9		20	12V-40AH.	9.0	8,900.00
7	SAU 225CL7		25		7.0	8,900.00
8	SAU 235CL5		35		5.0	8,900.00
9	SAU 250CL3		50		3.5	8,900.00
10	SAU 255CL3		55		3.0	8,900.00
11	SAU 220SM9		20	12V-40AH.	9.0	8,900.00
12	SAU 225SM7		25		7.0	8,900.00
13	SAU 235SM5		35		5.0	8,900.00
14	SAU 250SM3		50		3.5	8,900.00
15	SAU 255SM3		55		3.0	8,900.00

SAU - 3 โคม

No.	Model	Head Lamp		Battery Capacity	Back-Up Time Hours	Unit Price
		Bule	Watts			
1	SAU 220DH3	2	20	12V-12AH.	3.0	3,800.00
2	SAU 225DH2		25		2.0	3,800.00
3	SAU 235DH1		35		1.5	3,800.00
4	SAU 255DH1		55		1.0	3,800.00
5	SAU 235DH2		35	12V-15AH.	2.0	4,400.00
6	SAU 235DH3		35	12V-18AH.	3.0	4,950.00
7	SAU 250DH2		50	12V-21AH.	2.0	5,150.00
8	SAU 220CL3		20	12V-12AH.	3.0	3,800.00
9	SAU 225CL2		25		2.0	3,800.00
10	SAU 235CL1		35		1.5	3,800.00
11	SAU 255CL1		55		1.0	3,800.00
12	SAU 235CL2		35	12V-15AH.	2.0	4,400.00
13	SAU 235CL3		35	12V-18AH.	3.0	4,950.00
14	SAU 250CL2		50	12V-21AH.	2.0	5,150.00
15	SAU 220SM3		20	12V-12AH.	3.0	3,800.00
16	SAU 225SM2		25		2.0	3,800.00
17	SAU 235SM1		35		1.5	3,800.00
18	SAU 255SM1		55		1.0	3,800.00
19	SAU 235SM2		35	12V-15AH.	2.0	4,400.00
20	SAU 235SM3		35	12V-18AH.	3.0	4,950.00
21	SAU 250SM2		50	12V-21AH.	2.0	5,150.00

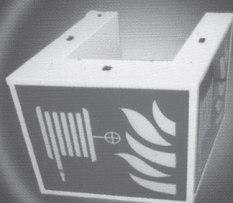
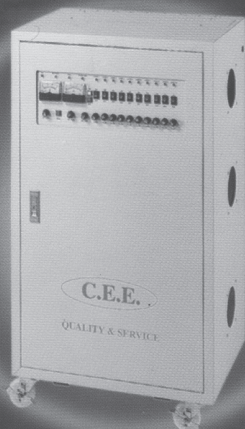
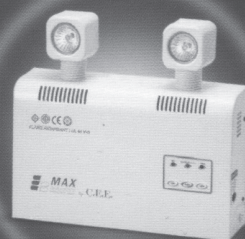


EX SERIES



EX SERIES (STEEL-BOX)

No.	Model	Head Lamp		Battery Capacity	Back-Up Time Hours	Unit Price
		Bule	Watts			
1	EX1 FL 10 (SINGLE)	1 FL	10	AC, ONLY	-----	1,600.00
2	EX1 FL 10 (DOUBLE)	1 FL	10	AC, ONLY	-----	1,950.00
3	EX1 FL 10 (SINGLE)	1 FL	10	B. 6 V. - 4.5AH. (AC/DC)	2	2,900.00
4	EX1 FL 10 (DOUBLE)	1 FL	10	B. 6 V. - 4.5AH. (AC/DC)	2	3,150.00
5	EX1 FL 10 (SINGLE)	1 FL	10	B. NI-CD 6V. - 4 AH.	3	4,300.00
6	EX1 FL 10 (DOUBLE)	1 FL	10	B. NI-CD 6V. - 4 AH.	3	4,550.00
7	EX2 FL 10 (SINGLE)	2 FL	10	B. 6 V. - 4.5AH. (AC/DC)	2	3,100.00
8	EX2 FL 10 (DOUBLE)	2 FL	10	B. 6 V. - 4.5AH. (AC/DC)	2	3,350.00
9	EX2 FL 10 (SINGLE)	2 FL	10	B. NI-CD 6V. - 4 AH.	3	4,500.00
10	EX2 FL 10 (DOUBLE)	2 FL	10	B. NI-CD 6V. - 4 AH.	3	4,750.00
11	EX1 PL 11 (SINGLE)	1 PL	11	AC, ONLY	-----	1,650.00
12	EX1 PL 11 (DOUBLE)	1 PL	11	AC, ONLY	-----	2,000.00
13	EX1 PL 11 (SINGLE)	1 PL	11	B. 6 V. - 4.5AH. (AC/DC)	2	3,100.00
14	EX1 PL 11 (DOUBLE)	1 PL	11	B. 6 V. - 4.5AH. (AC/DC)	2	3,350.00
15	EX1 PL 11 (SINGLE)	1 PL	11	B. NI-CD 6V. - 4 AH.	2	4,350.00
16	EX1 PL 11 (DOUBLE)	1 PL	11	B. NI-CD 6V. - 4 AH.	2	4,600.00
17	EX2 PL 11 (SINGLE)	2 PL	11	B. 6 V. - 4.5AH. (AC/DC)	2	3,300.00
18	EX2 PL 11 (DOUBLE)	2 PL	11	B. 6 V. - 4.5AH. (AC/DC)	2	3,550.00
19	EX2 PL 11 (SINGLE)	2 PL	11	B. NI-CD 6V. - 4 AH.	2	4,600.00
20	EX2 PL 11 (DOUBLE)	2 PL	11	B. NI-CD 6V. - 4 AH.	2	4,850.00



We keep you **safety**
today & tomorrow

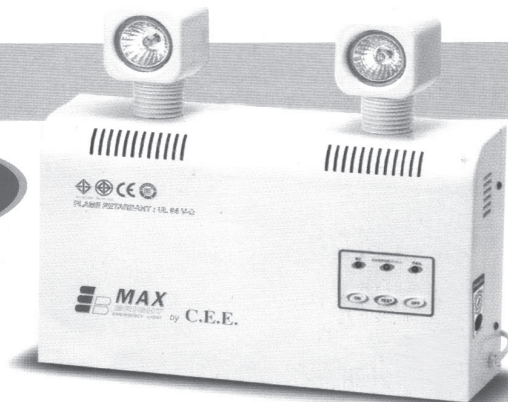
CP Series

Flame Retardant Case

Specification

- Mode of Operation : Non - Maintained
Lamp : Tungsten Halogen or Dichroic Halogen, with 180° adjustable sets and plastic-cover anti-dust
Main Supply : AC 220 Volt, 50 Hz, ±10% - Single Phase
Construction : Electro-Galvanized steel sheet 1 mm. with epoxy powder and stove enamel coated anti-rust corrosion proof or **ABS Flame Retardant UL 94 V - 0**
Battery : Sealed lead acid battery, based on ISO 9001, ISO 14001 certified and UL
Charger : Solid state system automatic battery charger : Constant voltage & current charging systems : **SMD electronic part** : **Switching regulated transformer**
Charging Period : 10-20 Hours as required
Safety Features :
 - Low - High voltage cut-off, preventing battery over charge & discharge
 - AC fuse - preventing short circuit and overload for main incoming AC 220 Volt
 - DC fuse - preventing short circuit and overload for charging & load
 - AC under voltage protection

new



Dichroic Halogen

CP Series

Dichroic Halogen (Square)

MODEL	BATTERY	BULBS (Watt)	BACK UP TIME (Hrs. Mins) ±10%	WEIGHT (Kgs)	DIMENSION W x L x H (cm)
CP 07	12V. 7.2Ah.	2 x 20 2 x 35	1.45 1.00	4.6	8.5 x 29.5 x 28
CP 12	12V. 12Ah.	2 x 20 2 x 35	2.30 1.30	5.8	11 x 29.5 x 28
CP 15	12V. 15Ah.	2 x 20 2 x 35 2 x 50 2 x 55	3.30 2.00 1.20 1.10	8.0	
CP 18	12V. 18Ah.	2 x 35 2 x 50 2 x 55	2.30 1.40 1.30	8.1	8.5 x 37 x 34
CP 21	12V. 21Ah.	2 x 35 2 x 50 2 x 55	2.50 2.00 1.50	9.6	
CP 23	12V. 24Ah.	2 x 35 2 x 50 2 x 55	3.00 2.10 2.00	10.0	
CP 26	12V. 26Ah.	2 x 35 2 x 50 2 x 55	3.30 2.30 2.15	12.4	
CP 35	12V. 35Ah.	2 x 35 2 x 50 2 x 55	4.45 3.15 3.00	14.2	17 x 37 x 34
CP 40	12V. 40Ah.	2 x 35 2 x 50 2 x 55	5.00 3.30 3.20	19.1	

Tungsten Halogen Lamp (rectangle □ / Round ○)

MODEL	BATTERY	BULBS (Watt)	BACK UP TIME (Hrs. Mins) ±10%	WEIGHT (Kgs)	DIMENSION W x L x H (cm)
○ CP 07	12V. 7.2Ah.	2 x 20 2 x 35	1.45 1.00	5.1	8.5 x 29.5 x 28
○ CP 12	12V. 12Ah.	2 x 20 2 x 35	2.30 1.30	6.2	11 x 29.5 x 34
○ CP 15	12V. 15Ah.	2 x 20 2 x 35 2 x 55	3.30 2.00 1.10	8.0	
□ CP 18	12V. 18Ah.	2 x 35 2 x 55	2.30 1.30	8.4	8.5 x 37 x 34
□ CP 21	12V. 21Ah.	2 x 35 2 x 55	2.50 1.50	9.6	
□ CP 23	12V. 24Ah.	2 x 35 2 x 55	3.00 2.00	10.0	
□ CP 26	12V. 26Ah.	2 x 35 2 x 55	3.30 2.15	12.4	
□ CP 35	12V. 35Ah.	2 x 35 2 x 55	4.45 3.00	14.7	17 x 37 x 34
□ CP 40	12V. 40Ah.	2 x 35 2 x 55	5.00 3.20	19.1	



Tungsten Halogen

TUBE Series



EXB 303 FL/PL
Recess Mount Type



EXB 303 FL/PL
Ceiling Type



EXB 111-112 (FL/PL)
Box Type

EXB Series

The EXB Exit Sign Light are decoratively designed for convenient operation with clear and bright in single or double side signs comply to E.I.T. and TIS. Standards.

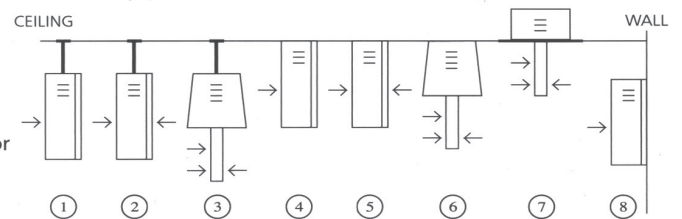
EXA xxx - without battery (220 VAC. Operation)

EXB xxx - with battery

Specification

- Mode of Operation** : Maintained
- Lamp** : Fluorescent or PL
- Main Supply** : AC 220 Volt, 50 Hz, $\pm 10\%$ - Single Phase
- Construction** : Electro-Galvanized steel sheet 1 mm. with epoxy powder and stove enamel coated anti-rust corrosion proof or **ABS Flame Retardant UL 94 V - O**
- Battery** : ● Sealed lead acid battery, based on ISO 9001, ISO 14001 certified and UL
● Nickel Metal Hydride battery, High Temperature type
- Chargers** : Solid state system automatic battery charger
- Charging Period** : 10-24 Hours as Required
- Safety Features** : ● Low - High voltage cut-off, preventing battery over discharge and recharge
● AC fuse - preventing short circuit and overload for main incoming AC 220 Volt
● DC fuse - preventing short circuit and overload for charging
- Legend** : ISO Green, other legend optional are available
- Mounting** : Wall mounted or Ceiling mounted
- Remarks** : EXA series without battery charger, safety Features and indicator display
: Legend on clear acrylic are available

Install type



EXB

MODEL	SIDE	BATTERY	BULBS (Watt)	DURATION (Hrs.) $\pm 10\%$	DIMENSION W x L x H (cm)	WEIGHT (Kgs)
EXB 111 FL	1	6V.4.5ah.	1 x 10 W.FL	2.0	12 x 50 x 19	3.5
EXB 112 FL	2		1 x 10 W.FL			3.5
EXB 121 FL	1		2 x 10 W.FL			4.1
EXB 122 FL	2	6V.4.5ah.	2 x 10 W.FL	2.0	12 x 74 x 22	4.1
EXB 211 FL	1		1 x 18 W.FL			5.2
EXB 212 FL	2		1 x 18 W.FL			5.2
EXB 111 PL	1	6V.4.5ah.	1 x 11 W.PL	2.0	12 x 50 x 19	3.5
EXB 112 PL	2		1 x 11 W.PL			3.5
EXB 121 PL	1		2 x 11 W.PL			4.1
EXB 122 PL	2		2 x 11 W.PL			4.1

EXB 303

MODEL	SIDE	BATTERY	BULBS (Watt)	DURATION (Hrs.) $\pm 10\%$	DIMENSION W x L x H (cm)	WEIGHT (Kgs)
EXB 303 SFL	1	6V.4.5Ah.	1 x 10 W.FL	2.0	8 x 37 x 11	4.8
EXB 303 TFL	2		1 x 10 W.FL			4.8
EXB 303 SPL	1		1 x 11 W.PL			4.8
EXB 303 TPL	2		1 x 11 W.PL			4.8



โคมไฟฉุกเฉิน SELF-CONTAINED EMERGENCY LIGHTING



Model	Battery	Bulb (watt)	Dimension (cm.)	Back-Up (hrs./min)	Halogen Lamp		
					Dichroic	Tungsten	
						Rectangle	Round
MB 07	12Volt-7.2Ah.	2 x 20	8.5 x 29.5 x 28	1.50	3,100.-	-	3,250.-
		2 x 35		1.00			
MB 12	12Volt-12Ah.	2 x 20		2.30	4,000.-	-	4,100.-
		2 x 35		1.30			
MB 15	12Volt-15Ah.	2 x 20	11 x 29.5 x 28	3.30	4,200.-	-	4,300.-
		2 x 35		2.00			
		2 x 50/55		1.15/1.10			
CP 18	12Volt-18Ah.	2 x 35		2.30	4,700.-	4,900.-	4,850.-
		2 x 50/55		1.40/1.30			
CP 21	12Volt-21Ah.	2 x 35	8.5 x 37 x 34	2.50	4,850.-	5,050.-	5,000.-
		2 x 50/55		2.00/1.50			
CP 23	12Volt-24Ah.	2 x 35		3.00	5,050.-	5,250.-	5,200.-
		2 x 50/55		2.10/2.00			
CP 26	12Volt-26Ah.	2 x 35		3.30	5,750.-	5,950.-	5,900.-
		2 x 50/55		2.30/2.15			
CP 35	12Volt-35Ah.	2 x 35	17 x 37 x 34	4.45	7,550.-	7,750.-	7,700.-
		2 x 50/55		3.15/3.00			
CP 40	12Volt-40Ah.	2 x 35		5.00	8,400.-	8,600.-	8,550.-
		2 x 50/55		3.50/3.30			

หมายเหตุ : ราคาดังกล่าวไม่รวมภาษีมูลค่าเพิ่ม 7%
: ดวงโคม Dichroic Halogen เป็นลักษณะโคมเหลี่ยม เท่านั้น
: รับประกัน 2 ปีเต็ม พร้อมแบตเตอรี่

BOX TYPE

Model	Side	Battery	Bulbs	Back-Up	Dimension	Price	
			(watt)	Hrs. (±10%)	W x L x H (cm.)	SLA	Ni-Cd
EXB 111 FL	1	6 Volt-4.5Ah.	1 x 10W FL	2.0	8 x 50 x 19	3,050.-	4,800.-
EXB 112 FL	2					3,200.-	4,950.-
EXB 211 FL	1		1 x 18W FL		8 x 74 x 22	3,900.-	5,600.-
EXB 212 FL	2					4,450.-	6,200.-
EXB 111 PL	1		1 x 11W PL		8 x 50 x 19	3,050.-	4,800.-
EXB 112 PL	2					3,200.-	4,950.-
EXB 121 FL (DC-1)	1		2 x 10W FL		12 x 50 x 19	3,300.-	5,050.-
EXB 122 FL (DC-1)	2					3,450.-	5,200.-
EXB 121 PL (DC-1)	1		2 x 11W PL			3,300.-	5,050.-
EXB 122 PL (DC-1)	2					3,450.-	5,200.-

* รุ่นกล่อง แบบ 2 หลอด (1-DC) กรณี EXB ชนิด 2 หลอด แบบ 2-DC คิดเพิ่มเครื่องละ 600 บาท

SLIMLINE TYPE

Model	Side	Battery	Bulbs	Back-Up	Dimension	Price	
			(watt)	Hrs. (±10%)	W x L x H (cm.)	SLA	Ni-Cd
EXB 303 SFL	1	6 Volt-4.5Ah.	1 x 10W FL		8 x 37 x 11	3,150.-	4,900.-
EXB 303 TFL	2					3,250.-	5,000.-
EXB 303 SPL	1		1 x 11W PL			3,200.-	4,950.-
EXB 303 TPL	2					3,300.-	5,050.-

หมายเหตุ : ราคาดังกล่าวไม่รวมภาษีมูลค่าเพิ่ม 7%

: แผ่นป้ายเป็น Arcylic ใส Sticker เพิ่มหน้าละ 300 บาท และกักร่องเพิ่มหน้าละ 400 บาท

: รับประกัน 2 ปีเต็ม พร้อมแบตเตอรี่

ยกเว้น อุปกรณ์ที่ใช้แล้วเสื่อมอายุตามการใช้งาน เช่น หลอดไฟ Ballast และ Starter

