



THE ESCORT Model

SERIES

EC Series

6 or 12 Volt, 18 to 54 Watts

ECC - Nickel-Cadmium Battery
ECM - Lead Calcium Battery

flexibility

in an emergency light unit

Size up your next job

with

flexibility



General Information

Compliment your interiors and lighting designs with the EC Series. The EC Series offers a contemporary metal housing with decorative front mounted heads in a clean off white color. Your design options are broadened with 6 or 12 volt units available from 18 to 54 watts in either lead calcium or premium Nickel-Cadmium sealed maintenance-free batteries.

Your flexibility extends into our entire line of matching Escort products, including a decorative thermoplastic exit sign and matching remote heads.

Standard Features

- Completely self-contained
- Listed to UL Standard 924
- 120/277 VAC, 0.3/0.15 Amp, 60Hz input
- Contemporary Metal Housing with Hinged Door
- 9 Watt Decorative Front Mounted Lighting Heads
- Pulse Plus Charger
 - Temperature Compensated
 - Brownout Protection
 - Dual Diagnostic Indicators
 - Battery Lockout
 - Low Voltage Disconnect
 - Fused Output Circuit
- 3 Year Warranty

Remote Capabilities...

ECC Models:

- Sealed Maintenance-Free Nickel-Cadmium Batteries
- 6 or 12 volt, 18 to 50 watts

ECM Models:

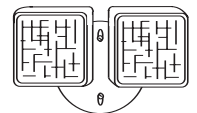
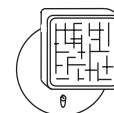
- Sealed Maintenance-Free Lead Calcium Batteries
- 6 or 12 volt, 18 to 54 watts

Remote Possibilities...

Match up with Escort Series Remotes



Escort LED Exit Sign
AC/DC
Max. 2 watts
of power consumption



Escort EF23 single or double heads
6 volt, 5.4 or 9 watt
12 volt, 9 or 12 watt

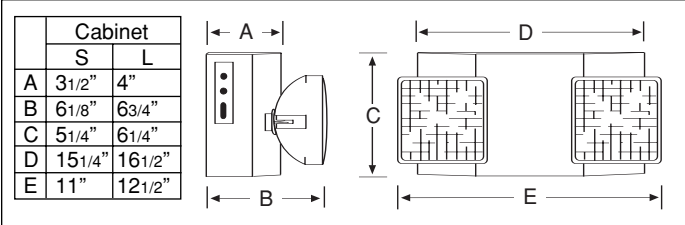


EC Series 6 or 12 Volt 18 to 54 Watts

ECC - Nickel-Cadmium Battery
ECM - Lead Calcium Battery

Outline and Dimensions

Dimensions are approximate and subject to change.



Electrical Specifications

Power Requirements: 120/277 volts, 60 Hz., 0.3/0.15 Amp (other inputs available) **Output:** 6 or 12 volt, fused output circuit. **Transfer:** dust-tight, sealed relay automatically and instantly energizes lamp load upon failure of AC supply. **LVD:** low voltage battery disconnect circuit automatically shuts down lamp load and circuitry when battery reaches 87 1/2% of its nominal value, preventing deep discharge and permanent damage to the battery. **Lockout:** labor saving electronic circuit automatically connects battery when AC circuit is activated. **Brownout:** close tolerance electronic circuit activates emergency unit when utility power dips to where normal area lighting dims or extinguishes. **Charger:** the PulsePlus charging circuit utilizes an integrated circuit which samples the battery in relation to its temperature, state of charge and input voltage fluctuations. The charger is current limited, temperature compensated, short-circuit protected and reverse polarity protected. The equipment is capable of full recharge in compliance with UL924 specifications. **Transformer:** 120/277 volt. **Controls:** test switch, dual diagnostic LED indicator light.

Unit Rating Chart

Furnished standard with two 9 watt High Intensity Incandescent lamps.

Sealed Maintenance-Free Battery Types	D.C. Voltage	Order Model No.	*Watts to 87 1/2% of rated battery voltage				Cabinet Size
			1 1/2 hrs	2 hrs	3 hrs	4 hrs	
Nickel-Cadmium	6	ECC18-2**	18	12	-	-	S
	6	ECC25-2**	25	18	12	9	S
	12	12ECC36-2**	36	21	15	12	S
	12	12ECC50-2	50	36	25	18	S
Lead Calcium	6	ECM18-2	18	12	10	7	S
	6	ECM27-2	27	18	14	10	S
	6	ECM36-2	36	24	20	14	S
	6	ECM54-2	54	37	28	21	L
	12	12ECM36-2	36	25	20	14	S
12	12ECM54-2	54	37	28	21	L	

*National Electrical Code Specification.

** CSA NRTL UL924 Listed.

How To Order (example)

For standard units without options only order Series, Battery, Watts, Heads

Options are added to units by listing suffix at end of model #

EC	M	18	-	2	*ZD	-	D1
Series	Battery type	Watts for	# of	Lamp option	Option		
	lead calcium	90 min.	heads	6V 9W	time		
				incandescent	delay		

Includes standard lamp

*see lamp data sheet in lighting fixture section for other lamp wattages

Optional Features

Description	Add Prefix	Add Suffix
Black Housing and Heads	B	
Ammeter OR Voltmeter (S cabinet units, choose only one)	A*	OR V*
Advanced Diagnostics (not available with Nicad)	-AD	
Advanced Diagnostics, non-audible	-ADNA	
Lamp Disconnect Switch	-K	
Time Delay (Selectable 5, 10 or 15 minutes)	-D1, D2 or D3**	

*Not available with options AD/ADNA.

** Not required when using AD/ADNA option. Standard 15 minutes with AD/ADNA option

*** S cabinet only, order on separate line.

NOTE: Certain option combinations may affect the listing. Please contact the factory for specifics.

Accessories (order as a separate item)

Mounting Bracket (S cabinet only).....	BJ
Unit Wire Guard	WG10
Clear Polycarbonate Vandal Resistant Shield.....	VRS-BB***
Clear NEMA 4X Polycarbonate Vandal Resistant Shield.....	VRSBB-4X***

BI-PIN Halogen Lamps (Do not exceed battery capacity)Add Suffix

6 volt 6 Watt Halogen Lamp, (one per head).....	HA
6 volt 8 Watt Halogen Lamp, (one per head).....	HB
6 volt 12 Watt Halogen Lamp, (one per head)	HD
12 volt 8 Watt Halogen Lamp, (one per head)	HF
12 volt 12 Watt Halogen Lamp, (one per head)	HG

How To Order Matching Escort Series Remotes

Description	Model #
6 volt 5.4 watt incandescent lamp remote head	EF23 (ZP)
6 volt 9 watt incandescent lamp remote head	EF23 (ZD)
12 volt 9 watt incandescent lamp remote head	EF23 (ZF)
12 volt 12 watt incandescent lamp remote head	EF23 (ZG)
6 volt 6 watt halogen lamp remote head	EF23 (HA)
6 volt 8 watt halogen lamp remote head	EF23 (HB)
6 volt 12 watt halogen lamp remote head	EF23 (HD)
12 volt 8 watt halogen lamp remote head.....	EF23 (HF)
12 volt 12 watt halogen lamp remote head	EF23 (HG)

Warranty*

Unit Warranty: Entire unit (excluding lamps and fuses) carries a 3-year Full Warranty.

Battery Warranty: Unit batteries are warranted as follows:

Sealed Nickel-Cadmium: ECC – 10-year life expectancy, 5-year Full Warranty, plus 5-year pro rata warranty.

Sealed Lead Calcium: ECM – 8-year life expectancy, 3-year Full Warranty, plus 3-year pro rata warranty.

*Subject to proper installation and maintenance.