

**EcoStar\* family products part numbering system:**

EcoStar* family	Plinth options	Mounting frame or Gear tray	Battery shelves	Cooling system	Locking system	Insulation	Color	Overall sizes (cm)		
								Width	Depth	Height
EC	P	1	N	V	A	I	G	45	30	75
ET	S	1	L	V	B	I	G	65	65	143

EcoStar* family		EcoStar* C		
Overall sizes (cm)		Width	Depth	Height
EC	EcoStar* C (please choose overall sizes from table)	45	30	75
ET	EcoStar* T (please choose overall sizes from table)	65	65	143

Plinth options		EcoStar* C		
Overall sizes (cm)		Width	Depth	Height
EcoStar* C	P	45	30	75
	W	45	30	100
EcoStar* T	A	65	30	75
	S	65	40	75
	N	65	30	100
	G	65	40	100
	1 or 2 or E	65	30	120
	N	65	40	120

Mounting frames or Gear tray		EcoStar* C		
Overall sizes (cm)		Width	Depth	Height
	G	80	30	100
	1=19", 2= 21" or E= ETSI Mounting frames	80	40	100
	N	80	40	120

Battery shelves		EcoStar* C		
Overall sizes (cm)		Width	Depth	Height
EcoStar* C	N	80	30	100
EcoStar* T	A=1, B=2, C=3,	80	40	100
	D=1, E=2, F=3,	80	40	120
	G=1, H=2, J=3,			
	K=1, L=2, M=3,			
	N			

Cooling systems on front door for ΔT=5 °C		EcoStar* T		
Overall sizes (cm)		Width	Depth	Height
Common	B	65	40	143
	C	65	50	143
	N	65	65	143
	V	65	75	143
EcoStar* T	A	65	65	200
	D	65	75	200
	E	150	65	143
	F	150	75	143
	H			
	P			
	T			

Locking systems		EcoStar* T		
Overall sizes (cm)		Width	Depth	Height
	A	150	65	143
	B	150	75	143
	C			
	N			
	I			

Insulation		EcoStar* T		
Overall sizes (cm)		Width	Depth	Height
	N	150	65	143
	I	150	75	143

**Customization:**

- Gear tray
- Special cable entry options
- Locking system
- Custom

**Accessories:**

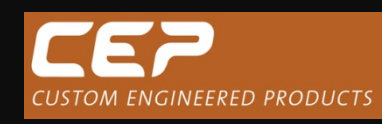
- Door Switch
- Light
- Float switch
- Equipment shelve
- Additional cable trays

**Power system:**

- Rectifier capacity
  - 1 & 2 RU < 4kW
  - 3 RU < 6kW
  - 5/6 RU < 22kW
- Battery capacity
  - 24V
  - 48V
  - 100AH
  - 150AH
  - 300AH
  - 600AH
- 2RU AC mains entry & distribution panel < 10 MCB'S
- 3RU AC/DC power distribution panel < 22 MCB'S

**This we need to know, to properly specify a cabinet:**

- Solar radiation \_\_\_\_\_ W/M<sup>2</sup>
- Max working ambient temperature \_\_\_\_\_ °C
- Max equipment working temperature \_\_\_\_\_ °C
- Max equipment dissipation \_\_\_\_\_ WATTS
- Special equipment consideration, e.g. air flow direction



# EcoStar\*

Our OPC family of cabinets will meet your needs and for 13 years have been in continuous production, with thousands of installations in the Asia Pacific region. EcoStar\* cabinets are the latest generation and reflect our wide experience offering many features further refined from the preceding models.

Based on our wide experience Cable Ways is able to offer a bespoke design service, optimizing cabinet design to perfectly match the equipment needs and environmental constraints.

We offer an integration service to facilitate "rapid roll out" with direct to site disposition.



## EcoStar\* C Series

2.5 mm marine grade skin for 15+ year life with UV resistant AG polyester powder coat finish.

Captive sealed SS hinge pins & dedicated interlocking hinges

Cabinet colour, to suit local body requirements or to corporate standard.

Adjustable 19, 21" or ETSI mounting rails or gear tray or both

Optional skin insulation for the reduction of solar ingress & thermal management.

Height

Standard, super secure and pad lock options available.

Wide range of cooling systems available

Optionally ventilated plinth with internal gland plate

Standard 3 point locking

Width

Depth

**P Series**  
base mounting with plinth

**W Series**  
wall mounting

Available with isolated SS wall mounting brackets and gear tray mounting studs, or adjustable 19", 21" or ETSI equipment mounting rails or customised gear tray or both.



**Security:** Close to every operational managers heart is the need for peace of mind regarding physical integrity of their network. With assistance from our diverse customer base, we developed our own proprietary system using interchangeable 1/2 euro cylinders. This flush front, three point locking system uses a deeply recessed actuating key inaccessible to common tools. As the outside of the cabinet is bare, other than a simple graffiti resistant cover plate, unwanted interest is deflected.

**Skeleton:** The marine grade extrusions, around which are cabinets are built, offer exceptional strength and flexibility, allowing simple customization without added cost or compromise to cabinet integrity.

**Skin:** To meet Cable Ways statement of intent "fit and forget" we evaluated various options for cladding our outside cabinets and concluded only 2.5mm thick marine grade aluminum matched all our criteria for a service live exceeding 15 years. Our insulation process greatly exceeds the performance of twin skin cabinets and offers the additional benefit of reducing the external transmission of equipment generated noise.

## EcoStar\* T Series

2.5 mm marine grade skin for 15+ year life with UV resistant AG polyester powder coat finish.

Cabinet colour, to suit local body requirements or to corporate standard.

Captive sealed SS hinge pins & dedicated interlocking hinges

Optional skin insulation for the reduction of solar ingress & thermal management.

Height

Width

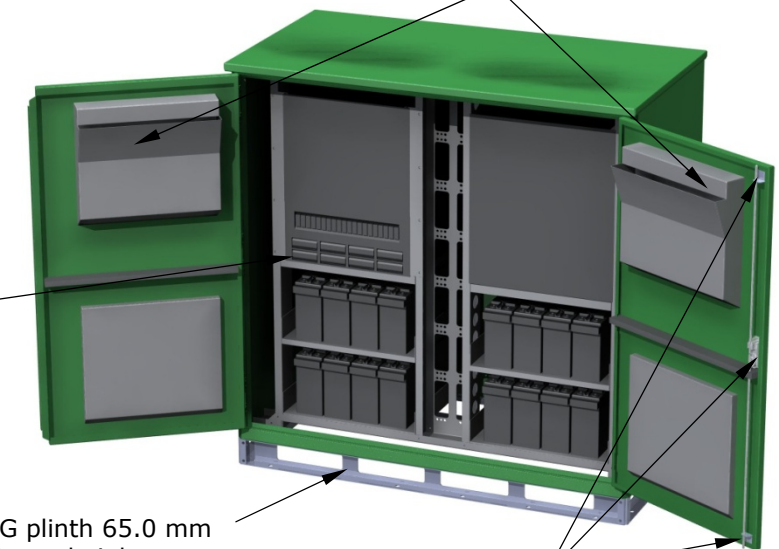
Depth

Wide range of cooling systems available

Adjustable 19, 21" or ETSI mounting rails or gear tray or battery shelves

Steel HDG plinth 65.0 mm or 100.0 mm height

Standard 3 point locking, super secure and pad lock options available.



**Hardware:** Our door hinge system uses sealed precision turned captive stainless steel pins rotating in UV resistant custom molded bushes. This simple element has more than 10,000 years of real world usage without failure. Adjustable front mounting rails allow optimum equipment placement and may be easily customized.

**Thermal Management:** This starts with a clear picture of what is required and the size of the budget. As with most engineering disciplines there is a trade off between performance and cost, from our experience, we offer to assist your optimization.

**Integration and installation:** Because our knowledge base is born out of real world experience, the needs of the system integrator and site installer are carried through in all designs. Adequate cable trays allow a variety of equipment dispositions and generous egress glanding speeds installation.