



**dewey
waters**

Atec

Atec Box

Unique modular design



Fast, efficient installation



Vandal resistant



Sub-surface cable storage



Solar Panel Option -Solar Atec



GRP Maintenance Free



Range of Sizes



*Optional colour
with corporate identification*

Solar Atec

*Interchangeable solar lid and
standard lid for long term flexibility*



*The Solar Lid can be forward or back
facing from the door opening*



*Optional clear 4mm thick
polycarbonate cover for extra protection*



*Optional Base Unit for fast
efficient installation*



Valve regulated battery



Range of Sizes from 5W to 60W



Optional Regulator

Atec

The DEWEY WATERS *Atec Box** for fast, efficient and economic installation of Roadside Instrumentation.

The new *Atec Box** with its unique dual compartment modular design, has been specifically developed to satisfy the need for fast, efficient and economical roadside installation of Industrial Instrumentation.

With built in flexibility, the two compartments found in the *Double Atec* have their own individual locks and it is therefore possible to segregate equipment and restrict access to the appropriate personnel according to the contents of a particular module.

With applications in the Water, Electricity and Gas industries the multiple mounting surfaces provide ample space for the most appropriate positioning of

the installed equipment. Both compartments have left or right hand opening doors that permit easy access for fitting equipment.



Atec Single Unit

Typically the single module can be used to house Flow Metering equipment, Data Logging equipment, Radio Telemetry and Telemetry equipment, associated battery packs, Data

Loggers, whilst the second compartment can be used for mains power cables, electricity meters, circuit breakers, switches and AC/DC converters.

Constructed of lightweight Glass Reinforced Polyester (GRP), it is strong, weather and water resistant, vandal resistant, has stainless steel fixings and requires no maintenance. Most lock barrel mechanisms can be fitted as standard and the users own locking system may also be incorporated to provide a dual security feature.

The corner sited doors of the *Atec Box** provide maximum access and are designed to carry reasonable loads and therefore provision can be made on all internal walls to mount equipment.

The lid module provides ample space for concealed equipment, such as radio telemetry units or spares; and an alternative module incorporates *Solar Atec*, a solar panel for powering the units inside the box.

The **DEWEY WATERS *Atec Box**** standardised base unit provides a secure mounting for the box modules, cable access from external sensors and sub surface cable storage. The system has been designed to permit separate installation of the base and boxed module units. This means that civil work and installation can be engineered separately.

When it is installed in accordance with the specified procedures then, in the event of a major impact it will deform and fracture in such a manner that damage is minimised, especially to internal components.

The Box can be supplied in an alternative BS5252 colour to the standard green 14 C 39, with the users name incorporated into the lid.

Our nationwide sales force pride themselves in offering a rapid response to quotation requests which can be completed rapidly utilising integrated computer networks.

DEWEY WATERS provide a complete design (CAD), manufacture, delivery and installation service, all founded on Quality ISO 9000 (Registered firm) and cost effective product management.

**Applications filed for Patent and Registered Design.*

Solar Atec

Development of the innovative *Solar Atec* was driven by the demand for power to equipment housed in remote locations away from national grid supply.

DEWEEY WATERS can offer the complete system including sizing the clients requirements, supply of the photovoltaic (solar) panel, valve regulated rechargeable batteries, and electronic regulator all housed within the *Atec Box* GRP enclosure.

The professional sector and particularly the process industry were the earliest to recognise the inherent advantages and superior performance offered by photovoltaics. Where mains electricity is unavailable, site access difficult and the delivery costs of fuel high, the reliability and low maintenance requirements of photovoltaic systems offer a highly cost effective solution to power needs.

Photovoltaic Module

- Rugged, durable power modules - Highest power to area ratio in the Industry.
- Heavy duty corrosion resistant aluminium alloy anodised frame designed to withstand hurricane force loads.
- Weatherproof versatile J-Box.
- True power rating tested and labelled on each module.
- Sizes from 5W to 60W.

The *Solar Atec* offers reliable, environmentally friendly, silent and emission free technology that produces electricity directly from sunlight, all housed within an elegant and easy to install enclosure.

Typical applications include trickle charging a battery that supplies power to:

Remote Telemetry

Data Loggers

Instrumentation Systems

Flow Meters

Security Sensors

Radio Transmitters and Receivers



Solar Atec II Single



Atec Box* provides secure protection to Instruments, Control and Automation including:-

- Telemetry ● Supervisory Control and Data Acquisition Systems ● Radio Telemetry ● Data Logging
 Flow Metering ● Power Supplies ● Sewerage Works Automation ● Pumping Station Control ● River Monitoring
 Flood Warning ● Water Supply Automation ● Environmental Control ● Flow Measurement
 Pressure Monitoring ● Fiscal (meter) Remote Reading ● Valve Control ● Digital Processing
 Process Plant Monitoring ● Sampling

	ATEC I		ATEC II		ATEC III	
	Single	Double	Single	Double	Single	Double
Width	410	595	615	895	820	1190
Depth	310	310	465	465	620	620
Height	860	860	1290	1290	1720	1720

Dimensions in millimetres						
A	270	270	405	405	540	540
B	50	50	75	75	100	100
C	740	740	1110	1110	1480	1480
D	630	630	945	945	1260	1260
E	235	235	353	353	470	470
F	170	170	255	255	340	340
G	/	125	/	188	/	250
H	/	180	/	270	/	360

	Base Unit		Base Unit		Base Unit	
Width	500	700	750	1000	980	1300
Depth	400	400	600	600	800	800
Height	310	310	465	465	620	620

Atec Single + base Atec Double + base

Composite and Manufacture

The unique patented lightweight GRP enclosure has been designed for maximum protection of equipment therein.

External Gel Coat: Isophthalic polyester pigmented to any BS5252 colour to semi-gloss finish.

GRP Laminate: Thixotropic polyester resin and glass reinforcement.

Internal Finish: Pigmented white flow coat for maximum cleanliness and light.

Composite Construction: Three layers of 450 gram CSM with additional two layers in the areas of great stress. 12mm MDF board encapsulated for equipment mounting on the side, back and doors and to maintain integrity.

Door Furniture: Includes stainless steel hinges and locking mechanism to suit individual requirements.

Also available from **Dewey Waters**

Walk in Modular Building - GRP Odour Control Covers - GRP Cladding - Washdown Systems - GRP Sectional and One Piece Water Storage Tanks - Link Corridors - GRP Enclosures.



Quality Systems Certificate No: 135
Assessed to ISO 9002



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