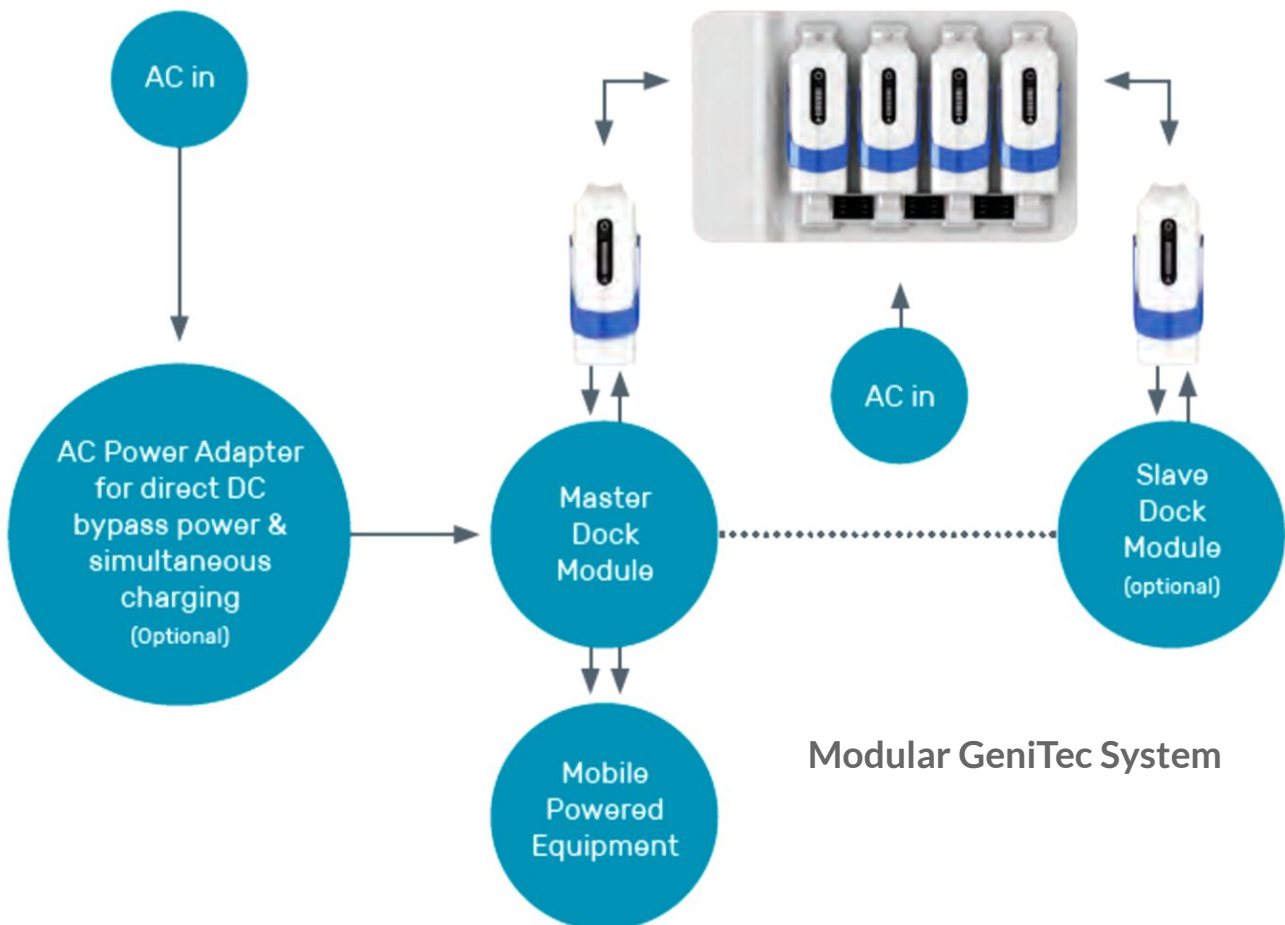


Product Description

The GeniTec power module chargers are part of our award-winning GeniTec Intelligent power management system. Designed to provide remote charging to support of Bytec’s range of Workstations and device stands, as well as medical device equipment. The GeniTec system can be used to supplement existing power, provide uninterrupted power, or to mobilise otherwise static equipment. The Quad Bay charger charges up to four GeniTec power modules concurrently and independently. Single Bay or Dual Bay charger version are also available. An optional networked power management system allows for asset management and performance monitoring of the power modules in service, and provides performance logging. With easy quick installation this ergonomically built charging system fits seamlessly into any healthcare environment.

Operational Summary



Notice

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Features



Quad Bay Charger



Dual Bay Charger



Single Bay Charger

Infection control :

The GeniTec power module is the first fully submersible power module of its kind and has been tested to IP67 (NEMA6). Although it is not recommended to submerge the Power Modules, it provides a high level of confidence when undergoing a deep clean or rinsing under running water.

The design is smooth and easy to clean and and dry before use.

Silver Ion additives:

We have gone a step further to include the latest technology to enhance infection control by adding silver Ion antimicrobial additives to our material to give it a shield that kills 99% of bacteria within 2 hours. Effectively providing secondary protection against cross contamination. We are also one of the first manufactures that can prove the additive is present in the material though using a security lazer which glows green only when the additive is present in the material.

Datalogging :

The GeniTec system incorporates a real time clock allowing it to record time and incident driven event logs for useful analytics.

These logs are internally stored in non-volatile memory which can be transferred via master docking station. It allows for independent interrogation for local diagnostics. Logs are stored on the main system as well as the Power Modules.

Installation :

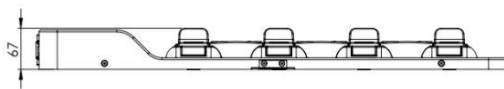
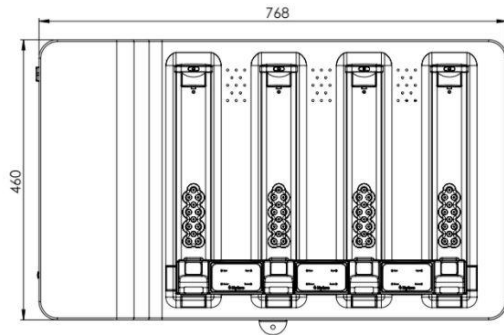
The quad and dual bay charger systems are both wall mountable and easy to install. The quad bay charger has an integrated medical grade 400W power supply, while the single and dual bay charger use the same 220W medical grade external power supply that can also be used to power the Geni-Tec dock directly if needed.

Notice

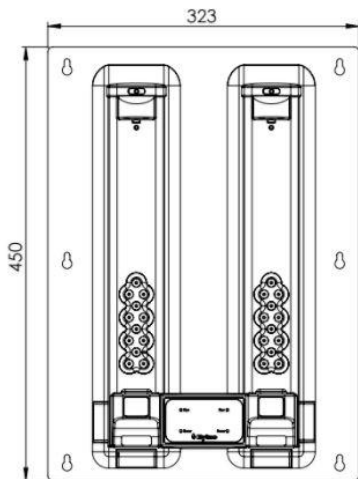
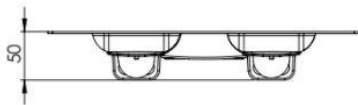
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Product Datasheet

GeniTec™ Power Application



Quad Bay Charger



Dual Bay Charger

Quad Bay Charger

	Specifications
IEC Protection	Class I (Internal Medical Grade Power Supply)
Input Voltage	90-264 VAC
Input Current	4.2 A @ 115 VAC, 60 Hz 2.1 A @ 230 VAC, 50 Hz
Input Frequency	47-63 Hz
Charge Current	3.75 A (max/bay)
Recharge Time	2.75 hrs (typ)
Operating Temperature	1°C to 40°C (34°F to 104°F)
Storage Temperature	-10°C to 35°C (14°F to 95°F)
Charge Method	Smart (Multi Chemistry)
Compliance	CE, FCC , EN/ES/IEC 60601-1
Net Weight	8.55 kg
Shipping Weight	10.05 kg
Installation method	Wall Mount

Dual Bay Charger

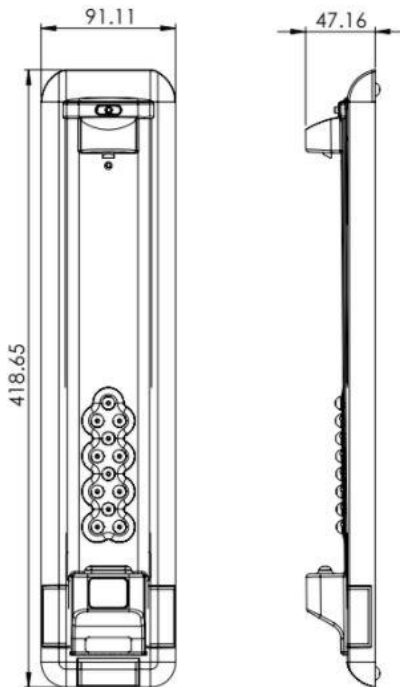
	Specifications
Input Voltage	28VDC External PSU (GEN-PSU-220)
Input Current	7.0 A (max)
Charge Current	3.75 A (max/bay)
Recharge Time	2.75 hrs (typ)
Operating Temperature	1°C to 40°C (34°F to 104°F)
Storage Temperature	-10°C to 35°C (14°F to 95°F)
Charge Method	Smart (Multi Chemistry)
Compliance	CE
Net Weight	2.05 kg
Shipping Weight	2.80 kg
Installation method	Wall Mount

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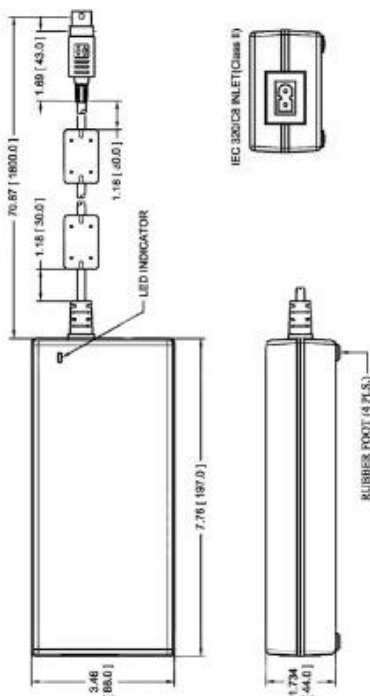
Product Datasheet

GeniTec™ Power Application



Single Bay Charger

Single Bay Charge	Specifications
Input Voltage	28VDC External PSU (GEN-PSU-220)
Input Current	3.5 A (max)
Charge Current	3.75 A (max)
Recharge Time	2.75 hrs (typ)
Operating Temperature	1°C to 40°C (34°F to 104°F)
Storage Temperature	-10°C to 35°C (14°F to 95°F)
Charge Method	Smart (Multi Chemistry)
Compliance	CE
Net Weight	0.65 kg
Shipping Weight	1.05 kg
Installation method	Desktop



External PSU

External PSU	Specifications
IEC Protection	Class II
Input Voltage	90-264 VAC
Input Current	2.5 A @ 115 VAC 1.2 A @ 230 VAC
Input Frequency	47-63 Hz
Output Voltage	28 VDC +/-5%
Output Current	7.86 A (max) +/- 5%
Storage Temperature	-20°C to 80°C (-4°F to 176°F)
Operating Temperature	0°C to 60°C (32°F to 140°F)
MTBF	100,000 hrs (at full load 25°C Ambient)
	1.0 kg
	CE, ES 60601-1 IEC 60601-1: 2005 EN 60601-1: 2006 IEC 60601-1-2

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Ordering Information

GeniTec System Parts	Part Number	Description
	GEN-C404-C01-01	Geni-Tec Quad Bay Charger <i>Note:Regional power cable to be ordered separately</i>
	GEN-B201-C01-02	Geni-Tec Power Module
	GEN-C104-C01-01	Geni-Tec Single Bay Charger
	GEN-C204-C01-01	Geni-Tec Dual Bay Charger
	GEN-PSU-220	Geni-Tec 220W AC/DC Power Supply <i>Note:</i> 1. Regional power cable to be ordered separately 2. For use with Single, Dual Bay Charger and docks only



Other option available:

For other option please contact us to further discuss your solution requirements ether by emailing us on enquiry@bytec.co.uk or by calling us on **+44 (0) 1737 378 820**.



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