



CHARGE STATION

- ▶ Automate and simplify the in-depot charging process
- ▶ Ensure Cygnus® HPS is ready to go
- ▶ Cygnus® fleet lifetime is optimised
- ▶ Creates a defined area for in-depot hybrid management



BEST PRACTICE MADE EASY

Charge Station for the new Cygnus® range is the simple way to help depot staff maintain Firefly Hybrid Power Systems in peak condition. Fleet operators know that keeping Hybrid Power Systems on maintenance charge when off hire is critical to the long term health of the internal energy storage. On return from site each new Cygnus® unit is switched into maintenance charge mode and easily connected to Charge Station via the dedicated 16A CEE form connection, ensuring that the unit is ready to deploy at a moments notice – fully charged and ready to start saving fuel, CO2 and noise.

Charge Station is installed in a suitable location in depot, and up to twelve Cygnus® units can be connected at any one time for charging. LED charging status lights provide a quick reference for engineers to check on charging progress, and more detailed information on charging can be interrogated via the touch screen. This means that technicians can quickly assess which unit is available for deployment, and confident that each Cygnus® unit will be perfectly maintained.

In conjunction with annual servicing, Charge Station is the best way to ensure that Cygnus® energy storage performance and lifetime is optimised. Charge Station is compatible with AGM, OPzV and LFP energy storage options available in the Cygnus® range.

▶ FEATURES

- Fully compatible with Cygnus® range
- Robust, powder coated steel canopy and frame
- 12 x 16A charging points with LED charge status indicators
- TFT touch screen for individual charge current data
- Additional 63A/ 3 CEE form socket
- RCD, MCB and RCBO protection

▶ BENEFITS

- Simple to use
- Reduced service and maintenance costs
- Optimise return on investment
- Improve depot staff efficiency and effectiveness



Firefly Charge Station Technical Specification

		CHA/12/16/V1
POWER	AC Input Voltage (50Hz)	400V
	AC Output Voltage (50Hz)	230 1Ph / 400 3Ph
	Input Connection (Hardwired)	63A 3 Ph / 125A 3 Ph (Assumed Load Factor 0.5 to 1)
	Output Connections (Sockets)	12 x 16A/1 Ph 1 x 63A/3 Ph
MONITORING	Input/Output Monitoring	4.3" Capacitive TFT touchscreen with total input current measurement and switchable output socket current monitoring. Tri-state LEDs indicate charge status for connected units at each output.
ENVIRONMENT	Water/ Ingress Protection	IP44
	Operating Temperature	-10 to +40 °C
MECHANICAL	Dimensions	889 x 88 x 169 mm
	Weight	44 kg
	Mounting	Wall Mountable

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