

# TECHNICAL DATA SHEET FOR: Firefly Cygnus 3 Hybrid Generator



- Inverter protection for overload, over heat, short circuit, low battery, over voltage, excess battery voltage ripple & reverse polarity.
- Auxiliary connection (Remote generator start): Bulgin Buccaneer Mini400 4 pin (2 x aux 2 wire contacts – fully programmable) & internal aux busbar.
- Remote Communication & Data Collection Package – Integrated GSM Modem & GPS to collect system status, live & historic data, fault & event notification, location data, external device data & control, system control & programming.



- Variable RCD, 63A MCB earth fault protection
- Power Input Connections: 1 x 63A 1PH & 3PH CEE-form, busbar 1PH/3Ph AC
- Power Output Connections: 1 x 63A 1PH & 3PH CEE-form, busbar 1PH/3Ph AC
- Battery Monitoring – LCD display with voltage indicator, power input/output, time available, % capacity available, charge state.
- Water/Ingress protection rating is IP54
- Operating temperature range is -5°C to +45°C.
- AGM sealed battery storage.
- Charge up time is 8 hours.

Continuous Output @ 25° C	Peak Power Output @ 25° C (30 mins)	Peak Power Output @ 25° C (5 seconds)	AC Output Voltage (50Hz)	AC Input Current Max (Aac)	AC Output Current Max (Aac)	Transfer Relay Time	Standby Power Consumption (W)	Battery Capacity (kWh) (60% DoD**)	Weight (kg)	Dimensions L x W x H (mm)	Forklift Pocket Dimensions W x D x H	Distance between Fork Pockets	Set up Time
21kVA	24kVA	63kVA	190-245v / 415v (3Ph)	50 A 3 phase	80	<15ms	7.2	48	2900	L 2050 W 998 H 1500	W 996 D 190 H 100	810 mm	5 mins

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