2018 **Magellan Catalogue**







Table of Contents

| Introduction to Magellan Power | 2 |
|--------------------------------|--------|
| MCRII DC System | 3,4 |
| SMCRII DC System | 5,6 |
| iMCRII DC System | 7,8 |
| Series IIIB Charger | 9 |
| SMR Charger | 10 |
| SMC Charger | 11,12 |
| Emergency Charger | 13 |
| Portable DC UPS | 14,15 |
| S200 Enclosure | 16 |
| S165 Enclosure | 17 |
| C200 Enclosure | 18 |
| Service and Commissioning | 19, 20 |

Introduction to Magellan Power



Since establishment in 1991 Magellan Power has designed and manufactured high-reliability DC and AC back-up power systems for many major projects across Australia. These include the Onslow Power Project, Perth Crown Towers, Star Casino Gold Coast, Perth Stadium, the Dampier to Bunbury Gas Pipeline, Chevron Wheatstone, Rio Tinto's Paraburdoo Mine Expansion, TransGrid iDemand, hospitals, airports and many more projects both in Australia and overseas.

Magellan provides its customers with rugged, reliable power solutions especially built and tailored to specific project needs. Magellan Power's advantage is its cutting edge technology and ever evolving Australianbased Research and Development capabilities which ensure it is always at the cusp of industry changes.

The company manufactures high reliability AC and DC power systems, grid supporting Energy Storage equipment plus batteries and specialised service and commissioning.

Magellan Power has a team of over 40 engineers, technicians and professional support staff, plus offices in New South Wales and Victoria.

The company is accredited with the AS/NZS ISO 9001:2008 Quality System across the areas of research and development, manufacture, supply and service of renewable energy equipment, design management, manufacture supply and service of power electronic equipment, and supply of industrial batteries.

MCRII Battery Charger

Rugged phase-controlled thyristor technology.

Versatile constant voltage and constant current charging modes.

Large LCD Display (71mm x 40mm).

Comprehensive 11 parameter metering.

Battery capacity measurement.

Dual battery metering and testing facility.

Programmable battery current limit.

Precise adjustable temperature compensation.

Isolated RS485, Ethernet & USB-B.

Modbus RTU, Modbus TCP, SNMP, Internal Webpage.

Access facility software.

Full data logging.



With integral battery capacity measurement that can assess the health of the battery and the integrity of its connections, the MCRII series is undoubtedly the most advanced battery management system of its kind.

Incorporating dual battery management capabilities including automatic battery testing, the MCRII prolongs battery life in any application, and can be used with Lead Acid, Lithium and NiCad batteries. Highly reliable, robustly designed, with 25 years design life and advanced communication facilities that enable full remote monitoring of the system, the MCRII is state of the art.

Available in single and three phase, and using ultra rugged phase controlled technologies, this series is ideal for all industrial applications including substation battery systems and DC UPS.



MCRII Battery Charger

| TECHNICAL SPECIFICATIONS | | | | | | |
|----------------------------|---|--|--------------------|-----------------------------|-----------------|----------------|
| Nominal Voltage | 24 | 4V | 32V | 48V | 110V | 220V |
| Nominal Current | 5-1000A | 5-1000A | 5-1000A | 5-1000A | 5-1000A | 5-500A |
| Input Supply | | Single phase 2 | 40V ± 10% 50H | z ± 5% for outpu | it power <5kVA | |
| Three Phase | | 415V ± | 10% 50Hz ± 5% | for output powe | r >5kVA | |
| Output Voltage | 9-16V | 18-35V | 24-46V | 40-68V | 88-150V | 180-270V |
| Noise and Ripple | | <2% specifie | ed at full load an | d without battery | connected. | |
| Static Voltage Regulation | ± 1% for 0-100 |)% load variatior | · · | ut voltage variati ation | on and 5% AC in | nput frequency |
| Dynamic Voltage | | 5% for load | d variation of 10 | % to 100% or 10 | 0% to 10% | |
| Current Regulation | | | ± | 1% | | |
| Protection | | Input Circuit Breaker, Charger Output Fuse/Circuit Breaker, Charger Current Limit, Dual Bat- tery Current Limit, AC Surge Suppression, Short Circuit Protection, Reverse Battery Polarity Protection | | | · · | |
| Alarms | Mains Fail, Charger Fail, DC High, DC Low, Under/Over Voltage Trip, Earth Fault, Low Elec- trolyte, Battery Disconnected, Battery Fail, Battery Over Temperature, Blown Fuse, Common Alarm Relay, Common Alarm Buzzer *All alarms are user programmable* | | | | | |
| Metering | Charger Voltage, Charger Current, Load Voltage, Load Current, Battery 1 Charge/Discharge Current, Battery 2 Charge/Discharge Current, Battery Temperature, Battery Initial Impedance- Battery Capacity, Battery Capacity Ratio *Meter accuracy 1%* | | | | | |
| Options | Voltage - free contacts for all alarms, Battery test facility, 3 Stage diode voltage limiter, DC distribution board | | | | | |
| Physical | Wall mount or free standing powder coated metal cabinet *Dimensions depend on charger output rating and associated battery requirements* | | | | | |
| Environmental | 0-60°C, up to 95% humidity | | | | | |
| Standards | | AS 195 | 5, AS 3000, AS | 3100 AS 4044, A | AS 2069 | |
| Serial Comm. | DNP3, TCP/IP, Web-server, RS485 Modbus, SNMP, USB-B | | | | | |
| EMC | | | AS 206 | 64-1997 | | |
| MTBF / MTTR | 100,000 Hours / 4 Hours | | | | | |
| Efficiency | 80 to 93% depending on nominal voltage and power rating | | | | | |
| Temperature Compensation | Programmable 3 - 6 mV / Cell / °C | | | | | |
| Audible Noise | < 55 dB | | | | | |
| Limp Home Feature | | Continuo | us operation in t | he event of cont | rol failure | |
| Revert to Factory Settings | Reinstates all original factory settings | | | | | |
| Data Logging | | | 3800 lo | g entries | | |



SMCRII Battery Charger

High efficiency switch-mode technology.

Versatile constant voltage and constant current charging modes.

Large LCD graphic display (71mm x 40mm).

Comprehensive 11 parameter metering.

Capacity measurement.

Dual battery metering and testing facility.

Programmable battery current limit.

Precise adjustable temperature compensation.

Isolated USB-B or RS485, Ethernet Modbus RTU, Modbus TCP, SNMP, Internal Webpage.

Access facility software.

Data Logging.



SMCRII series battery chargers combine the advanced functionality of MCRII with the flexibility of switch mode rectification. Available in single and three phase, the SMCRII series is ideal for all industrial applications including substation battery systems and DC UPS.

Incorporating dual battery management capabilities including automatic battery testing, the SMCRII prolongs battery life in any application, and can be used with Lead Acid, Lithium and NiCad batteries. With advanced communication facilities that enable full remote monitoring of the system, the SMCRII is state of the art.



SMCRII Battery Charger

| TECHNICAL SPECIFICATIONS | | | | | | |
|---|--|--|--------------------|--|---------------|----------------|
| Nominal Voltage | 24V | | 32V | 48V | 110V | 220V |
| Nominal Current | 5-200A | 5-800A | 5-600A | 5-800A | 5-320A | 5-200A |
| Input Supply | | Single phase 2 | 40V ± 10% 50H | z ± 5% for outpu | t power <5kVA | |
| Three Phase | | 415V ± | 10% 50Hz ± 5% | for output powe | r >5kVA | |
| Output Voltage | 9-16V | 18-35V | 24-46V | 40-68V | 88-150V | 180-270V |
| Noise and Ripple | | <2% specifie | ed at full load an | d without battery | connected. | |
| Static Voltage Regulation | ± 1% for 0-100 | | | ut voltage variation battery connecte | | nput frequency |
| Dynamic Voltage | | 5% for load | d variation of 10 | % to 100% or 10 | 0% to 10% | |
| Current Regulation | | | ± | 1% | | |
| Protection | | Input Circuit Breaker, Charger Output Fuse/Circuit Breaker, Charger Current Limit, Dual Bat- tery Current Limit, AC Surge Suppression, Short Circuit Protection, Reverse Battery Polarity Protection | | | | |
| Alarms | Mains Fail, Charger Fail, DC High, DC Low, Under/Over Voltage Trip, Earth Fault, Low Elec- trolyte, Battery Disconnected, Battery Fail (including high impedance), Battery Over Tempera- ture, Blown Fuse, Common Alarm Relay, Common Alarm Buzzer *All alarms are user programmable* | | | | | |
| Metering | Charger Voltage, Charger Current, Load Voltage, Load Current, Battery 1 Charge/Discharge Current, Battery 2 Charge/Discharge Current, Battery Temperature, Battery Initial Impedance Battery Ongoing Impedance, Battery Capacity, Battery Capacity Ratio *Meter accuracy 1%* | | | | | |
| Options | Voltage - free contacts for all alarms, Battery test facility, 3 Stage diode voltage limiter, DC distribution board | | | | | |
| Physical | Free standing powder coated metal cabinet *Dimensions depend on charger output rating and associated battery requirements* | | | | | |
| Environmental | | | 0-50°C, up to | 95% humidity | | |
| Standards | AS 1955, AS 3000, AS 3100 AS 4044, AS 2069 | | | | | |
| Serial Comm. | | DNP3, TCP/IP, | Web-server, R | S485 Modbus, S | NMP, USB - B. | |
| EMC | AS 2064-1997 | | | | | |
| MTBF / MTTR | 100,000 Hours / 4 Hours | | | | | |
| Efficiency | 85 to 90% depending on nominal voltage and power rating | | | | | |
| | Programmable 3 - 6 mV / Cell / °C | | | | | |
| Temperature Compensation | < 50 dB | | | | | |
| Temperature Compensation Audible Noise | | | < 50 |) dB | | |
| | | Continuo | |) dB he event of conti | rol failure | |



iMCRII Battery Charger

Rugged IGBT technology.
Unity Power Factor.
Versatile constant voltage and constant current charging modes.
Battery capacity measurement.
Dual battery metering and testing facility.
Programmable battery current limit.
Ideal for all battery types.
Full AS2293 user programmable alarms.
Single and dual battery testing capability.
Isolated RS232 or RS485, Ethernet.
Modbus RTU, Modbus TCP, SNMP, Internal Webpage.
Access facility software.
Full data logging.



Unique and innovative utilisation of inverter H-bridge to produce DC power has created a highly reliable, industrial battery charger with unity input power factor whilst retaining all advanced functionality of the MCRII battery chargers.

Available in single and three phase, and using IGBT technologies, this series is ideal for all industrial applications including substation battery systems and DC UPS.



iMCRII Battery Charger

| TECHNICAL SPECIFICATIONS | | | | |
|----------------------------|---|--|--|--|
| Nominal Voltage | 110V | | | |
| Nominal Current | 15-50A | | | |
| Input Supply | Single phase 240V \pm 10% 50Hz \pm 5% for output power <5kVA | | | |
| Three Phase | 415V \pm 10% 50Hz \pm 5% for output power >5kVA | | | |
| Output Voltage | 88-150V | | | |
| Noise and Ripple | <2% specified at full load and without battery connected. | | | |
| Static Voltage Regulation | \pm 1% for 0-100% load variation, \pm 10% AC input voltage variation and 5% AC input frequency variation | | | |
| Dynamic Voltage | 5% for load variation of 10% to 100% or 100% to 10% | | | |
| Current Regulation | ± 1% | | | |
| Protection | Input Circuit Breaker, Charger Output Fuse/Circuit Breaker, Charger Current Limit, Dual Bat- tery Current Limit, AC Surge Suppression, Short Circuit Protection, Reverse Battery Polarity Protection. | | | |
| Alarms | Mains Fail, Charger Fail, DC High, DC Low, Under/Over Voltage Trip, Earth Fault, Low Elec- trolyte, Battery Disconnected, Battery Fail, Battery Over Temperature, Blown Fuse, Common Alarm Relay, Common Alarm Buzzer *All alarms are user programmable* | | | |
| Metering | Charger Voltage, Charger Current, Load Voltage, Load Current, Battery 1 Charge/Discharge Current, Battery 2 Charge/Discharge Current, Battery Temperature, Battery Initial Impedance Battery Capacity, Battery Capacity Ratio *Meter accuracy 1%* | | | |
| Options | Voltage - free contacts for all alarms, Battery test facility, 3 Stage diode voltage limiter, DC distribution board | | | |
| Physical | Free standing powder coated metal cabinet *Dimensions depend on charger output rating and associated battery requirements* | | | |
| Environmental | 0-60°C, up to 95% humidity | | | |
| Standards | AS 1955, AS 3000, AS 3100 AS 4044, AS 2069 | | | |
| Serial Comm. | DNP3, TCP/IP, Web-server, RS485 Modbus, SNMP, USB-B. | | | |
| EMC | AS 2064-1997 | | | |
| Efficiency | 80 to 93% depending on nominal voltage and power rating | | | |
| Temperature Compensation | Programmable 3 - 6 mV / Cell / °C | | | |
| Audible Noise | < 55 dB | | | |
| Limp Home Feature | Continuous operation in the event of control failure | | | |
| Revert to Factory Settings | Reinstates all original factory settings | | | |
| Data Logging | 3800 log entries | | | |



Series IIIB Battery Charger

Constant voltage/ current limit. Low output ripple. ±1% output regulation. High reliability in harsh environments. LCD charger voltage. LCD charger current. High volts/ low volts alarm. Volt-free alarm contacts.



Designed for harsh environmental conditions, the Magellan Power Series IIIB battery charger combines rugged SCR power circuitry with intelligent control electronics to produce an efficient, cost effective, highly reliable, safe and almost indestructible charger for vented and sealed Lead Acid batteries.

With low output ripple, LCD Displays and voltage alarms, the Series IIIB battery charger is ideal for engine starting and many other applications.

| TECHNICAL SPECIFICATIONS | | | |
|--------------------------|-----------------------------------|---------------|--|
| Nominal Output | 24V 36V | | |
| Output Current | 15A | 5A | |
| Float Voltage | 27V | 40.5V | |
| Metering | LCD Voltmeter | , LCD Ammeter | |
| Alarm | Low Volts/ High Volts | | |
| Indication | Low Volts/ High Volts | | |
| Remote Alarm | Volt Free Changeover Contacts | | |
| Protection | Overload | | |
| Input Voltage | 240VAC AC ± 10% 50Hz | | |
| EMC Standards | AS 2064-1997 | | |
| Working Temp. | -10°C to 60°C | | |
| IP Rating | IP20 | | |
| Dimensions | 227mm (H) x 353mm (W) x 183mm (D) | | |



SMR Battery Charger

| Low cost. | |
|---------------------|--|
| High reliability. | |
| Low output ripple. | |
| LCD display. | |
| Common alarm relay. | |
| Lightweight. | |



The SMR series utilises switch-mode technology to offer low cost, compact, lightweight DC power systems for switchgear protection, PLC control, generator starting batteries and other DC power supply applications.

The SMR is highly reliable and is suitable for rugged applications.

| TECHNICAL SPECIFICATIONS | | | |
|--------------------------|-------------------------------------|-------------------|--|
| Model | 24SMR10 | 48SMR5 | |
| Nominal Output | 24V | 48V | |
| Output Current | 10A | 5A | |
| Float Voltage | 27V | 54V | |
| Metering | LCD Charger Volt | tmeter & Ammeter | |
| Alarm | Low Voltage & Hi | igh Voltage Alarm | |
| High Volt Alarm | 28.5V | 57V | |
| Low Volt Alarm | 25.5V | 51V | |
| Indication | Red LED's | | |
| Remote Alarm | Common Alarm Relay | | |
| Protection | Input/ Output Load Circuit Breakers | | |
| Input Voltage | 88V to 264V AC, 47 to 63 Hz | | |
| Ripple and Noise | 200mV Pk/Pk | 240mVPk/Pk | |
| Line Regulation | ±0.2% | | |
| Load Regulation | ±0.5% | | |
| EMC Standards | AS 2064 - 1997 | | |
| Working Temp | -10 °C to 50 °C | | |
| IP Rating | IP33 | | |
| Max Internal Battery | 7Ah/17Ah | 7Ah | |
| Dimensions | 500mm(H) x 400 m | m (W) x 270mm (D) | |



SMC Charger

Smart interface.

Fully programmable.

Protection from input & output over/under voltage.

High efficiency.

Battery temperature compensation.

For use with Gel, AGM or Wet batteries.

Unity power factor.

High reliability.

Compact size/ light weight.

Designed for Industrial and Marine applications, the SMC charger combines high reliablity, high efficiency and unity power factor with small size, light weight and ease of installation.

| TECHNICAL SPECIFICATIONS | | |
|--|--|--|
| TECHNICAL SPECIFICATIONS Input Voltage | 85 - 290VAC (Nominal 180 -290 VAC) | |
| Input Current | 10 Amps | |
| Input Frequency Range | 45 Hz - 65 Hz | |
| Power Factor | >0.99 at P nom ≥ 75% | |
| OUTPUT | | |
| Nominal Output | 24V | |
| Voltage Adjustable | 21V - 28V | |
| Voltage Stabilisation | ±0.5% | |
| Current Stabilisation | ±1% | |
| Nominal Output Current | 50A | |
| Efficiency | ≥94% | |
| Charge Characteristics | IU Characteristic according to DIN41772/DIN41773 | |
| Default Charging Voltage | 24V | |
| Voltage Ripple | ≤200mV | |
| Short Circuit Protection | 15% -30% of Inom when in short circuit | |
| ALARMS | | |
| Mains Fail | No Adjustment | |
| | | |



SMC Charger

| TECHNICAL SPECIFICATIONS | |
|--------------------------|---|
| DC Low | (software adjustable up to 21VDC) |
| DC High | (software adjustable up to 28 VDC) |
| Over Load | (software adjustable) |
| Comms Fail | No Adjustment |
| Fan Fail | No Adjustment |
| High Battery Temperature | (software adjustable) |
| RELAY ALARMS | |
| Relay 1 | Common Alarm |
| Relay 2 | Mains Fail |
| MECHANICAL | |
| Ambient Temperature | Operation: -20° to + 55° C Storage: -40° to +70° C |
| Humidity | ≤90 %RH |
| Cooling | Fan Cooled |
| Dimensions | 159mmD, 256mmW, 335mmH (no glands) |
| Audible Noise | < 50 db |





Emergency Charger

High efficiency switch-mode technology.

Unity power factor.

Low cost, maintenance free.

Analog voltmeter and ammeter.

Adjustable output voltage.

Compact and light weight.

Can be used on lead acid and NiCad batteries.



Australian designed and manufactured, the Emergency Charger is an invaluable tool for keeping substation batteries in a charged state and keeping down time to zero. In case of a substation charger failure, simply connect the Emergency DC Power Supply to the batteries and your charger can be repaired without time pressure.

| TECHNICAL SPECIFICATIONS | | | | | | |
|---------------------------|---|--|--------------------------|--------------------------|--|--|
| Nominal Characteristics | 24V | 32V | 48V | 110V | | |
| Input Supply | | Single phase 240V± 10% 50Hz ± 5% | | | | |
| Output Voltage | 22-35V Set at 27.2V | 32-43V Set at 36.2V | 44-58V Set at 54.5V | 90-150V Set at 122.5V | | |
| Noise and Ripple | < 0.5 | 5% specified at full load a | and without battery conn | ected | | |
| Static Voltage Regulation | ± 1% for 0-100 | 0% load variation, ± 10% | AC input voltage variat | on and 5% AC | | |
| Dynamic Voltage | 5% | 6 for load variation of 10 | % to 100% or 100% to 1 | 0% | | |
| Current Regulation | | ± 1% | | | | |
| Protection | Inpu | Input Circuit Breaker, Short Circuit, Output Circuit Breaker | | | | |
| Power Factor | 0.99 to 0.995 measured at full load and 220V input | | | | | |
| Metering | Charger Voltage, Charger Current. *Meter accuracy ± 5%* | | | | | |
| Environmental | 0-50°, up to 95% humidity | | | | | |
| Psophometric Noise | 2mV : 300Hz - 3400Hz | | | | | |
| Wide Band Noise | 50mV: 3.4Khz-150KHz | | | | | |
| | | 20mV:0.15Mhz-30Mhz | | | | |
| EMC | | AS 2064-1997 | | | | |
| Efficiency | | 90% at Full Load | | | | |
| Audible Noise | < 50 dB | | | | | |
| Cooling | | Forced Air | | | | |
| Dimensions | | 377mm (H) x 298mm (W) x 460mm (D) | | | | |
| Weight | | 20kg | | | | |

Portable Emergency DC UPS



Magellan's new emergency DC UPS is a complete solution for avoiding any loss of DC power in substations.

The unit is light, compact and portable. It combines an advanced, integrated, reliable battery charging system and light weight, high efficiency Lithium batteries, along with an integrated intelligent battery monitoring system (BMS).

The charger operates from 240VAC, providing dual uninterruptible 110VDC, 24VDC or 48VDC power.

The unit is to be kept connected to mains at all times when it is not being used to make sure that the batteries are charged and are available at full capacity when needed, this portable DC UPS then allows technicians to restore the site DC power without stress.



Portable Emergency DC UPS

| Float Voltage | | | |
|--------------------------------------|---|--|---------------------------|
| | 115.2V | | |
| Nominal Power | 2400W | | |
| Input Supply | Single Phase 2 | 40V± 10% 50Hz ±5% Via | a 3 Pin Plug |
| Output Voltages - Via Anderson Plugs | 24V | 48V | 110V |
| Noise and Ripple | < 0.5% specified at | t full load and without batt | tery connected |
| Static Voltage Regulation | ± 1% for 0-100% load variation | , ± 10% AC input voltage frequency variation. | variation and 5% AC input |
| Dynamic Voltage | 5% for load varia | ation of 10% to 100% or 1 | 00% to 10% |
| Current Regulation | | ± 1% | |
| Protection | Input Circuit Breaker, Short | Circuit, Output Circuit Br | eaker, Input Shunt Trip |
| Power Factor | 0.99 to 0.995 n | neasured at full load and 2 | 220V input |
| Metering | Charger Voltage, Charger Current, Battery Voltage, Battery Current, Cell Voltage, Battery Temperature *meter accuracy ±5% | | |
| Environmental | 0-45°C, up to 95% humidity | | |
| Communications | USB, RS485 & Ethernet | | |
| Psophometric Noise | | 2mV: 300Hz-3400Hz | |
| Wide Band Noise | 5 | 0mV: 3.4Khz-150KHz | |
| | 2 | 0mV:0.15Mhz-30Mhz | |
| EMC | AS 2064-1997 | | |
| Efficiency | 90% at Full Load | | |
| Audible Noise | <60dB | | |
| Cooling | Forced Air | | |
| Dimensions | 605mm D x 600mm W x 1170mm H | | |
| Weight | Approx 80kgs without batteries Approx 145kgs with batteries | | |
| BATTERY SPECIFICATIONS: LIF | ePO4 | | |
| Number of Cells | 32 x 60Ah | | |
| Туре | LiFePO4, Lithium Iron Phosphate | | |
| Number of Modules | 3 | | |
| BMS | Magellan Passive | | |
| DIVIS | | | |



S200 Enclosure



| Enclosure Technical Specifications | | | |
|------------------------------------|-------------------|--|--|
| Height (mm) | 2000 | | |
| Width (mm) | 815 | | |
| Depth (mm) | 650 | | |
| Weight (kg) | 145 | | |
| Colour - External | RAL7035 | | |
| Colour - Internal | RAL7035 | | |
| Colour - Internal Accessories | Dulux Pearl White | | |
| Ingress Protection | IP42 to AS:1939 | | |

| Key Features | |
|-------------------|--|
| Material | 2mm ZINCANNEAL steel |
| Finish | 100 micron powder coating |
| Plinth | 150mm (H) Powder Coated |
| Gland | Bottom Entry 3mm aluminium gland plate |
| Door | 180° open left hinge |
| Hinge | Black powder coated zinc hinges |
| Locking Mechanism | Key lockable chrome handle |
| Ventilation | Natural |
| Other | Integrated document holder |

| Available Options | |
|--|--|
| Lifting eyebolts | |
| Pad lockable handles | |
| Chrome hinges | |
| Brass gland plate | |
| Bronze insect screen | |
| IP53 - Requires fan-forced ventilation | |
| Plinth kick plates | |
| Custom color depending on availability | |

S165 Enclosure



| Enclosure Technical Specifications | | |
|------------------------------------|-------------------|--|
| Height (mm) | 1656 | |
| Width (mm) | 800 | |
| Depth (mm) | 650 | |
| Weight (kg) | 123 | |
| Colour - External | RAL7035 | |
| Colour - Internal | RAL7035 | |
| Colour - Internal Accessories | Dulux Pearl White | |
| Ingress Protection | IP42 to AS:1939 | |

| Key Features | |
|-------------------|--|
| Material | 2mm ZINCANNEAL steel |
| Finish | 100 micron powder coating |
| Plinth | 150mm (H) Powder Coated |
| Gland | Bottom Entry 3mm aluminium gland plate |
| Door | 180° open left hinge |
| Hinge | Black powder coated zinc hinges |
| Locking Mechanism | Key lockable chrome handles |
| Ventilation | Natural |
| Other | Integrated document holder |

| Available Options | |
|--|--|
| Lifting eyebolts | |
| Pad lockable handles | |
| Chrome hinges | |
| Brass gland plate | |
| Bronze insect screen | |
| IP53 - Requires fan-forced ventilation | |
| Plinth kick plates | |
| Custom color depending on availability | |

| E sales@magellanpower.com.au

C200 Enclosure



| Enclosure Technical Specifications | | |
|------------------------------------|-------------------|--|
| Height (mm) | 2010 | |
| Width (mm) | 800 | |
| Depth (mm) | 800 | |
| Weight (kg) | 159 | |
| Colour - External | RAL7035 | |
| Colour - Internal | RAL7035 | |
| Colour - Internal Accessories | Dulux Pearl White | |
| Ingress Protection | IP42 to AS:1939 | |

| Key Features | |
|-------------------|--|
| Material | 2mm ZINCANNEAL steel |
| Finish | 100 micron powder coating |
| Plinth | 150mm (H) Powder Coated |
| Gland | Bottom Entry 3mm aluminium gland plate |
| Door | 180° open left hinge |
| Hinge | Black powder coated zinc hinges |
| Locking Mechanism | Key lockable chrome handles |
| Ventilation | Natural |
| Other | Integrated document holder |

| Available Options | |
|--|--|
| Lifting eyebolts | |
| Padlockable handles | |
| Chrome hinges | |
| Brass gland plate | |
| Bronze insect screen | |
| IP53 - requires fan-forced ventilation | |
| Custom color depending on availability | |

Service & Comissioning

Qualified in-house and certified electrical engineers specialising in Magellan Power products.

Full service report provided.

Comprehensive visual and mechanical inspection.

Functional test.

Full battery health check including battery capacity test.

Quality assurance: AS/NZS ISO9001:2008.

Workers compensation insurance.

Public liability insurance.

Marine insurance.





The Magellan Power Service Department was formed to offer customers peace of mind when it comes to reliability and dependability of back-up power.

Magellan Power's service technicians are the industry's leading experts in the provision of support through preventative maintenance and onsite repair services, which can eliminate the downtime of power equipment.

Magellan engineers are fully trained in all aspects of AC/DC repair and refurbishment and bring the collective knowledge and experience of the entire Magellan Power design and manufacturing team.



Service & Comissioning

Benefits of Magellan Service

Magellan Power designs and manufactures industrial power equipment, and therefore has in-depth knowledge of UPS and charger maintenance.

Magellan equipment offers steadfast reliability when maintained properly, with a product design life of 25 years.

Magellan keeps its main market in Australia to ensure the best service outcome for customers. It differs from other providers as it manufacturers locally in Australia, which means customers can access technicians and engineers who assisted in designing and testing the product.

We Provide:

1. In House Qualified and Certified Electrical Engineers and Technicians, specialising in Magellan Power products (from our manufacturing testing department).

2. Full Service Report: Following a service, a full report is submitted to the customer, with details of repairs undertaken, recommendations of any action, and a quote for additional items if needed.

Service Procedure:

1. Comprehensive visual and mechanical inspection.

2. Functional test.

3. Full battery health check including battery capacity test if needed.

At the completion of each service, a full service report will be submitted. The report will also mention any corrective action to be undertaken, and will provide a formal quotation for the rectification if required.

Quality Assurance:

AS/NZS ISO 9001:2008

Research & Development, design, manufacture, supply and service of power electronic and renewable energy equipment and supply of industrial batteries.









20

| E sales@magellanpower.com.au



Head Office: 64 Bushland Ridge Bibra Lake Perth WA 6163

sales@magellanpower.com.au www.magellanpower.com.au

Magellan Power reserves the right to change or modify product design, construction, specifications or materials without prior notice.