

# RO-Access

## High Efficiency Traction Chargers

### Century RO-Access 48V 20A CG5518

Ro-Access much like the Robust is a newly developed range of very compact, high frequency chargers for harsh environments, such as cold storage, where there is a high level of moisture and dust.

The Ro-Access is a reporting charger, featuring Access battery monitoring system and a radio module. The entire charging process can be logged using battery monitoring units and the Access Service tool.

Ro-Access chargers are compatible with other Access chargers and are designed to be used as stand alone chargers while also capable of being used as fast chargers or opportunity chargers.

The use of high frequency power conversion can reduce the amount of input energy consumed for charging, with a high level of control of the power applied to the battery.

Small and compact design aids in flexibility of wall or floor placement and boasts a sleek and modern design.



### Features and Benefits

- Compliant to relevant Australian Standards: Century ensures full compliance with all relevant standards applicable to traction chargers.
- 30 programmed charging curves for “all” types of batteries
- For multi-shift operations all around the world.
- Protection class IP54 protected for high dust and moisture environments. It can reduce the amount of internal short circuits as a result of condensation or high humidity environments.
- Up to 95% less energy losses and more energy efficient.
- Able to store data from the last 2000 charge cycles.

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### ELECTRICAL INPUT SPECIFICATIONS

VAC Input	1P 230Vac ±10%
Input Current (Max I)	5.6A (@230VAC)
Input Frequency	47-63Hz
Power Socket Required	56C310
Power Factor	>0.98 at rated power
Efficiency	MAX 93% at full load

### ELECTRICAL OUTPUT SPECIFICATIONS

Technology	High Frequency Conversion(Soft Start)
Nominal VDC (Programmable)	48VDC
VDC Output Range	1.4 to 2.9VDC per cell
Output Power (kW)	1.2kW(2.4VPC @ 230VAC)
Max Output Current (A)	20A
Output Ripple	<1%rms from maximum output voltage (1MHz bandwidth)
Output Accuracy Setting	VDC output ±0.5% / Current output ±2%

### ENVIRONMENTAL SPECIFICATIONS

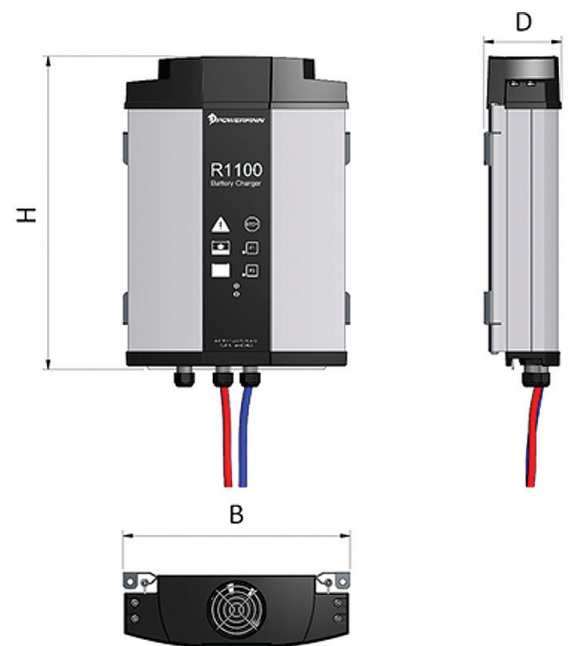
Environmental Protection	Conformal coating
Operational Temperature (Ambient)	0°C to + 40°C (Full Power), ~55°C (Absolute Max)
Storage Temperature	-35°C to + 55°C
Humidity	RH <95% Non-condensing
Cooling	Fan cooled
IP Rating	IP54

### STANDARDS

Emissions	EN61000-6-3
Immunity	EN61000-6-2
Safety	EN60335-1 & EN60335-2-29

### MECHANICAL

Weight (kgs)	3.9
Height (H) (mm)	327
Width (B) (mm)	230
Depth (D) (mm)	80



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