# MICROPOWER GROUP™
## POWERFUL SOLUTIONS PARTNER

## TECHNICAL DATA

# LION 200 48V/200A BATTERY CHARGERS

## STATED DATA ACCORDING TO MICROPOWER STANDARD

| | |
|---|---|
| Part number | LU4623 |
| Model | LION 200 |
| Type | 48V/200A |

### MAINS DATA (50/60HZ)

| | |
|---|---|
| Output Voltage [V] | 48 |
| Output Current [A] | 200 |
| Number of phases | 3 |
| Rated Voltage range [V] | 208-240 |
| Current at nominal voltage [A] | 37 |
| Recommended supply fuse [A] | 40 |
| Supply cable area | 4x10 mm2 |
| Supply cable length [m] | ?2,5 |
| Typical Supply Connector | CEE63 |
| Output cable cross-section | 70 mm2 |

### BATTERY CONNECTION

| | |
|---|---|
| Output cable cross-section | 70 mm2 |
| Output cable terminals (in unit) | M10 |
| Output cable length [m] | 3 |
| Typical Output connector | DIN320 |
| Output Voltage [V] | 48 |

### ELECTRIC DATA

| | |
|---|---|
| Standby Power Consumption [W] | <15 |
| Power Consumption [W] | 12652 |
| Apparent Power Consumption [VA] | 13318 |

| | |
|---|---|
| Power Factor | 0,95 |
| Inrush current, do not tripp fuse of class [A] | B |
| Output Ripple | <5 |
| Efficiency (at rated power and no cables) [%] | 92 |

## PROPERTIES

| | |
|---|---|
| Ingress protection | IP20 |
| Ambient temperature range (at full output power) [deg C] | -5 to +40 |
| Ambient max temp (with reduced output power) [deg C] | 50 |
| Cooling | Convection |
| Short Circuit Protection | Yes |
| Wrong Polarity Protection | Fuse |
| Cabinet Type | A22 |
| Certifications | CE |
| HMI | LED / Display |
| HMI Language | SV / EN / ES / PT / DE |
| Reporting | Yes |
| Radio Communication | No |
| Charging Curve Set | Multiple |
| I/O-cards | Optional |
| CE | Yes |
| UL | No |

## CHARGING TIMES

| | |
|---|---|
| 6 Hours cap.ah/5h | |
| 8 Hours cap.ah/5h | |
| 10 Hours cap.ah/5h | |
| 12 Hours cap.ah/5h | |

## CHARGER DIMENSIONS

| | |
|---|---|
| Weight excl. cables [kg] | 34 |
| Weight incl. cables [kg] | 42 |
| Outer Dimensions Height [mm] | 659 |

| Outer Dimensions Width [mm] | 256 |
|---|---|
| Outer Dimensions Depth [mm] | 459 |
| Min Spacing Required | See User Manual |

## SHIPPING DIMENSIONS

| Shipping Weight [kg] | 45 |
|---|---|
| Box Height [mm] | 435 |
| Box Width [mm] | 370 |
| Box Depth [mm] | 690 |

## CHARGING

| Charging Ionic | 0 |
|---|---|
| Charging Standard | 0 |
| Charging Gel | 0 |
| Charging Li-Ion | 0 |
| Charging AGM | 0 |
| Moisture Resistance | No |
| Dusty Environment | No |
| Outdoor use | No |
| Cold store | No |
| Tropical | No |