

## TECHNICAL DATA

# MICROPOWER SL170 LI 36V/400A BATTERY CHARGERS

### STATED DATA ACCORDING TO MICROPOWER STANDARD

|             |                  |
|-------------|------------------|
| Part number | EB3866           |
| Model       | Micropower SL170 |
| Type        | 36V/400A         |

### MAINS DATA (50/60HZ)

|                                |           |
|--------------------------------|-----------|
| Output Voltage [V]             | 36        |
| Output Current [A]             | 400       |
| Number of phases               | 3         |
| Rated Voltage range [V]        | -         |
| Current at nominal voltage [A] | 24.0      |
| Recommended supply fuse [A]    | tbd       |
| Supply cable area              | 4xAWG10   |
| Supply cable length [m]        | > 2,5     |
| Typical Supply Connector       | tbd       |
| Output cable cross-section     | 250 KCMIL |

### BATTERY CONNECTION

|                                  |           |
|----------------------------------|-----------|
| Output cable cross-section       | 250 KCMIL |
| Output cable terminals (in unit) | M8        |
| Output cable length [m]          | 3         |
| Typical Output connector         | -         |
| Output Voltage [V]               | 36        |

### ELECTRIC DATA

|                                 |       |
|---------------------------------|-------|
| Standby Power Consumption [W]   | < 10  |
| Power Consumption [W]           | 18925 |
| Apparent Power Consumption [VA] | 19921 |

|                                                |      |
|------------------------------------------------|------|
| Power Factor                                   | 0.95 |
| Inrush current, do not tripp fuse of class [A] | B    |
| Output Ripple                                  | <5   |
| Efficiency (at rated power and no cables) [%]  | 93   |

## PROPERTIES

|                                                          |            |
|----------------------------------------------------------|------------|
| Ingress protection                                       | IP21       |
| 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                                |            |
| Cabinet Type                                             | B2         |
| Certifications                                           | UL         |
| HMI                                                      |            |
| HMI Language                                             |            |
| Reporting                                                | No         |
| Radio Communication                                      | No         |
| Charging Curve Set                                       |            |
| I/O-cards                                                |            |
| CE                                                       | No         |
| UL                                                       | Yes        |

## 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]     | 42  |
| Weight incl. cables [kg]     | 52  |
| Outer Dimensions Height [mm] | 415 |

|                             |                 |
|-----------------------------|-----------------|
| Outer Dimensions Width [mm] | 579             |
| Outer Dimensions Depth [mm] | 520             |
| Min Spacing Required        | See User Manual |

## SHIPPING DIMENSIONS

|                      |     |
|----------------------|-----|
| Shipping Weight [kg] | 66  |
| Box Height [mm]      | 560 |
| Box Width [mm]       | 800 |
| Box Depth [mm]       | 600 |

## CHARGING

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

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