

## TECHNICAL DATA

# SHARP 50 36/80 BATTERY CHARGER

### STATED DATA ACCORDING TO MICROPOWER STANDARD

| VARIABLE   |              |
|--|--------------|
| Part number  | SP3383       |
| Model  | SHARP 50     |
| Type   | 36V/80A      |
| MAINS DATA (50/60HZ)                                 |              |
| Mains phase  | 3 Phase      |
| Mains voltage supply                                 | 200-240      |
| Max mains current (at min rated mains V) [A]         | 11,7         |
| Recommended mains fuse [A]                           | 16           |
| Mains cable area [mm <sup>2</sup> ]                  | 4x2,5        |
| Mains cable length [m]                               | 3            |
| Mains connector                                      | Not included |
| BATTERY CONNECTION                                   |              |
| Battery cable [mm <sup>2</sup> ]                     | 2x25         |
| Battery cable connection (in charger)                | M6           |
| Battery cable length [m]                             | 3            |
| Battery connector (not included)                     | User defined |
| ELECTRIC DATA  |              |
| Standby power consumption [W]                        | < 5          |
| Power consumption [W]                                | 3847         |
| Apparent power consumption [VA]                      | 4050         |
| Power factor   | 0,95         |
| Inrush current [A]                                   | Negligible   |
| Output ripple  | < 1          |
| Efficiency (at rated power and no cables) [%]        | 91           |
| PROPERTIES   |              |
| Ingress protection                                   | IP20         |
| Ambient temperature range (at full capacity) [deg C] | -5 to +40    |
| Ambient max temp (with reduced capacity) [deg C]     | 50           |
| Cooling  | Fan          |
| Short circuit protection                             | Yes          |
| Wrong polarity protection                            | Fuse         |
| Cabinet type   | S16          |

|                     |                     |
|---------------------|---------------------|
| Certifications      | CE                  |
| HMI                 | LED                 |
| HMI Language        | -                   |
| Radio Communication | No                  |
| Charging curve set  | 10-04,06,18 & 20-09 |
| I/O-cards           | No                  |
| Accessories         | See website         |

## CHARGING TIMES

|           |      |
|-----------|------|
| 8 h [Ah]  | 665  |
| 10 h [Ah] | 887  |
| 12 h [Ah] | 1220 |

## CHARGER DIMENSIONS

|                                  |             |
|----------------------------------|-------------|
| Outer dimensions (HxWxD) [mm]    | 387x266x152 |
| Charger weight excl. Cables [kg] | 6,7         |
| Charger weight incl. Cables [kg] | 9,4         |

## SHIPPING DIMENSIONS

|                       |             |
|-----------------------|-------------|
| Box size [HxWxD] [mm] | 550x330x260 |
| Shipping weight [kg]  | 10,5        |

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