

Micro Genius 2

OverView

Fully enclosed model with optional alarm/communications circuit board shown. Refer to the nameplate label or the label on the inside lower cover for factory configured output and alarm relay assignments.

MOUNTING:

Mount enclosed chassis charger vertically Mount open-frame charger in any orientation

AC STATUS LED

OPTIONAL DUAL RJ-45 PORT:

Connect J1939/Modbus cable if alarm/comms PCA is included

OPTIONAL J1939 JUMPERS:

Select Charger 1 or 2 on alarm/comms PCA, if included

AC INPUT TERMINALS:

20–10 AWG (0.5–6 mm²) solid 20–6 AWG (0.5–13.5 mm²) stranded Tighten to 10.5 ln-Lb (1.2 Nm)

MAIN PCA J1939 ADDR* JUMPERS:

Select Charger 1 or 2 on main PCA unless optional alarm/comms PCA is included

REMOTE TEMPERATURE SENSOR TERMINALS:

28–16 AWG (0.08–1.5 mm²) Tighten connections to 2.0 In-Lb (0.22 Nm)

MOUNTING FASTENERS:

Use four ¼ inch (M6) screws to mount enclosed and open-frame chargers, fasteners supplied by installer

OPTIONAL LCD:

Status and alarms

DC STATUS LED

OPTIONAL ALARM TERMINAL BLOCKS:

28–16 AWG (0.08–1.5 mm²) Tighten connections to 2.0 In-Lb (0.22 Nm)

DC OUTPUT TERMINALS:

20–10 AWG (0.5–6 mm²) solid 20–6AWG (0.5–13.5 mm²) stranded Tighten to 10.5 In-Lb (1.2 Nm)

GROUND FAULT JUMPER

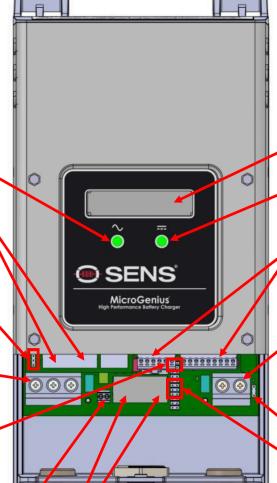
OUTPUT JUMPERS:

Leave in Factory Configuration (3 jumpers in FLOAT)

Move only if system voltage or battery type change from original factory configuration Jumpers removed for adjustable keypad or Program Mode

CONDUIT OR CORD BUSHINGS:

Customer supplied



MAIN PCA DUAL RJ-45 PORT:

Connect J1939/Modbus cable to main PCA unless optional alarm/comms PCA is included

Always connect load share or remote accessory cable to main PCA