samlexamerica®

# 1000-3500W

## DC Inverter Installation Kit

Model

DC-1000-KIT
DC-2000-KIT
DC-2500-KIT
DC-3500-KIT

## Design Features of Cables Provided with Kits:

Samlex uses the highest quality of industrial grade, flexible cables suitable to be used as battery cables for automotive and renewable energy applications. Key features:

- 600V rating
- Very wide operating temperature of -50°C to 105°C
- High strand count, annealed, and tinned copper conductors for high flexibility
- Ethylene Propylene Rubber (EPR) jacket provides the high 600V insulation and resistance to abrasion, oils, acids and heat

## Design Features of Fuses and Fuse Holders Provided with the Kits:

- 100A, 200A and 300A Marine Rated Battery Fuses are provided with DC-1000-KIT, DC-2000-KIT and DC-2500-KIT respectively. The MRBF Fuse with high Ampere Interrupting Capacity (AIC) provides easy, weatherproof and safe short circuit protection
- 400A Class T Fuse is provided with DC-3500-KIT. Each Class T Fuse has a very high AIC, and is designed for protection against damage due to short circuit conditions in battery cables

## 2 YEAR LIMITED WARRANTY

Recommended size of inverter for up to 3% voltage drop from Battery to the Inverter for 10 ft cable run and current equal to Ampere rating of the fuse

| Model No. of Inverter Installation Kit | Cable | Fuse | PST-600-12 | PST-1000-12 | PST-1500-12 | PST-2000-12 | PST-3000-12 | PST-600-24 | PST-1000-24 | PST-1500-24 | PST-2000-24 | PST-3000-24 | PST-600-48 | PST-1500-48 | PST-100S-12E | PST-150S-12E | PST-200S-12E | PST-300S-12E | PST-60S-24E | PST-100S-24E | PST-150S-24E | PST-200S-24E | PST-300S-24E | PST-60S-48E | SSW-600-12A | SSW-1000-12A | SSW-1500-12A | SSW-2000-12A | PSE-12125A | PSE-12175A | PSE-12275A | PSE-24125A | PSE-24175A | PSE-24275A | SAM-800-12 | SAM-1000-12 | SAM-1500-12 | SAM-2000-12 | SAM-3000-12 | SAM-1500C-12 | EVO-1212F (HW) | EVO-1224F (HW) | EVO-2212 | EVO-2224 | EVO-4024 | EVO-2212E | EVO-2224E | EVO-4024E |
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| DC-1000-KIT | AWG#4 2 x 10 ft | MRBF-100 100A | • | | | | | • | • | • | | | • | • | | | | | • | • | • | | | • | • | | | | | | | • | • | | • | | | | | | | • | | | | | | |
| DC-2000-KIT | AWG#2 2 x 10 ft | MRBF-200 200A | | • | | | | | | | • | • | | | • | | | | | | | • | • | | | • | | | • | | | | | | | • | | | | | • | | | • | | | • | |
| DC-2500-KIT | AWG#2/0 2 x 10 ft | MRBF-300 300A | | | • | • | | | | | | | | | | • | • | | | | | | | | | | • | • | | • | | | | • | | | • | • | | • | | | | | • | | | • |
| DC-3500-KIT | AWG#4/0 2 x 10 ft | MRBF-400 400A | | | | | • | | | | | | | | | | | • | | | | | | | | | | | | | • | | | | | | | | | • | | | | • | | | • | | |

**NOTES:** a) Specifications are subject to change without notice.
b) Cable Specifications: (i) Red Positive, Black Negative, each 10 ft length, (ii) 600V, -50°C to 105°C, (iii) Stranded conductors with crimped Ring Terminals on either end: Hole diameter 0.41" for 3/8" stud.

12013-DC Install Kits-0218