

# SVS/DVS

## Fast Charge Line

PosiCharge SVS and DVS are premium intelligent charging systems that range in power capability from 5kW for lower-duty vehicles to 30kW for the hardest-working forklifts. PosiCharge SVS and DVS are offered with an extensive array of features, including the Battery Monitor and Identifier Module (BMID), charger and battery data management, multi-shift battery equalization scheduler, precise charging control, electrolytic thermistor and the easily serviceable modular cable system. A menu of options further enhances system functionality, including automatic, unattended battery watering, high-visibility status lights, Web-based PosiNET data management, battery and charger analysis tools and a variety of charger mounting stands.

SVS and DVS are used in material handling operations that run two or more heavy-duty shifts. SVS models are based on our robust single-port architecture for maximum flexibility and modularity. The DVS is a dual port charging system that offers a lower cost alternative in locations where trucks are parked in pairs. Dedicated controllers and IGBT power stages ensure maximum reliability and performance.

The SVS and DVS product lines feature robust and proven technology, broad power range, multi-voltage flexibility, and value-added options that meet the requirements for any electric vehicle material handling operation.



| Parameter                        | SVS50            | SVS80           | SVS100               | SVS200          | SVS300            | DVS100          | DVS150          |
|----------------------------------|------------------|-----------------|----------------------|-----------------|-------------------|-----------------|-----------------|
| POWER RATING                     | 5kW              | 7kW             | 10kW                 | 20kW            | 30kW              | 10kW/Port       | 15kW/Port       |
| MAX OUTPUT CURRENT               | 150A             | 200A            | 250A                 | 320A            | 500A              | 200A/Port       | 320A/Port       |
| EFFICIENCY                       | 87%              | 88%             | 91%                  | 92%             | 92%               | 92%             | 92%             |
| IDLE POWER                       | 27 watts         | 27 watts        | 27 watts             | 27 watts        | 27 watts          | 27 watts        | 27 watts        |
| POWER FACTOR                     | 0.98             | 0.98            | 0.98                 | 0.98            | 0.98              | 0.98            | 0.98            |
| SMART BATTERY                    | BMID             | BMID            | BMID                 | BMID            | BMID              | BMID            | BMID            |
| AUTO RANGE BATTERY VOLTAGE       | 24V to 48V       | 24V to 48V      | 24V to 80V           | 24V to 80V      | 24V to 96V        | 24V to 80V      | 24V to 96V      |
| AUTOMATIC WATERING/STACK LIGHTS  | Opt/Opt          | Opt/Opt         | Opt/Opt              | Opt/Opt         | Opt/Opt           | Opt/Opt         | Opt/Opt         |
| REAL-TIME CLOCK                  | Std              | Std             | Std                  | Std             | Std               | Std             | Std             |
| PREMIUM EQUALIZATION SCHEDULER   | Std              | Std             | Std                  | Std             | Std               | Std             | Std             |
| NO. OF DATA LOGS                 | 250              | 250             | 250                  | 250             | 250               | 250             | 250             |
| AUTO STOP/START                  | Std              | Std             | Std                  | Std             | Std               | Std             | Std             |
| POSINET/IDSYS PIVMS COMPATIBLE   | Opt/Opt          | Opt/Opt         | Opt/Opt              | Opt/Opt         | Opt/Opt           | Opt/Opt         | Opt/Opt         |
| CLOSED LOOP GAS CNTRL            | Std              | Std             | Std                  | Std             | Std               | Std             | Std             |
| ELECTROLYTE IMMERSSED THERMISTOR | Std              | Std             | Std                  | Std             | Std               | Std             | Std             |
| OUTPUT CABLE (15FT STD)          | Modular 320Euro* | Modular 320Euro | No Output Cable      | Modular 320Euro | Modular 2x320Euro | Modular 320Euro | Modular 320Euro |
| AUTO THERMAL SHUT DOWN           | Std              | Std             | Std                  | Std             | Std               | Std             | Std             |
| SHUTDOWN RESPONSE TIME           | 5ms              | 5ms             | 5ms                  | 5ms             | 5ms               | 5ms             | 5ms             |
| FULL LOAD AMP DRAW 480/600V      | 8.5/6.0          | 12.0/10         | 15/12                | 28/23           | 40/32             | 28/23           | 40/32           |
| CIRCUIT BREAKER RATING           | 10/10            | 15/15           | 20/15                | 40/30           | 50/40             | 40/30           | 50/40           |
| DIMENSIONS                       | 20"Wx18"Dx36"H   | 20"Wx18"Dx36"H  | 21.8"Wx19.3"Dx39.4"H | 25"Wx20"Dx42"H  | 25"Wx20"Dx42"H    | 25"Wx20"Dx52"H  | 24"Wx18"Dx52"H  |
| WEIGHT                           | 210 lbs          | 242 lbs         | 388 lbs              | 470 lbs         | 560 lbs           | 470 lbs         | 560 lbs         |
| SAFETY CERTIFICATIONS            | CE, UL1564       | CE, UL1564      | CE, UL1012           | CE, UL1564      | CE, UL1564        | CE, UL1564      | CE, UL1564      |
| NEMA RATING                      | NEMA 1           | NEMA 1          | NEMA 3R              | NEMA 1          | NEMA 1            | NEMA 1          | NEMA 1          |

\*STANDARD 10 FT. OUTPUT CABLE