



# DC Power Supply with HyCharger DC™

## HySecurity's advanced UPS Power Supply with HyCharger DC™ for most\* HySecurity hydraulic operators

### Get More from your UPS DC Backup

- Extends battery life
- Climate controlled
- Burst of power when needed

**Smart** – Smart charge system uses high efficiency switching technology that optimizes battery conditioning, storage capacity and battery life.

**Powerful** – Supplies 50A of 24VDC power on continuous basis to both motor drive circuit or charger circuit. Burst mode supplies additional energy to gate operator, when needed.

**Fast recharge** - After AC power is restored, batteries are

| Model                     | DC Power Supply 115V*<br>DC Power Supply 230V**                                                                                                                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operators</b>          | SlideDriver II SD40DC, SD200VDC;<br>SlideDriver 15 UPS, 30F UPS, 40 UPS, 80 UPS**, 200 UPS;<br>StrongArm 14F UPS, 20 UPS, 28 UPS, 36 UPS;<br>SwingRiser - All UPS models;<br>HydraLift - All UPS models<br>(includes 1 and 2 hp operators) |
| <b>Duty Cycle</b>         | See operator                                                                                                                                                                                                                               |
| <b>Input Power</b>        | 115* or 208-230 VAC, 60/50Hz, single phase                                                                                                                                                                                                 |
| <b>Output Power</b>       | 24V, 50A                                                                                                                                                                                                                                   |
| <b>Burst Mode</b>         | Burst of power, when needed                                                                                                                                                                                                                |
| <b>Batteries</b>          | Two - 110Ah AGM batteries for extended cycles                                                                                                                                                                                              |
| <b>Recharge</b>           | Fast: Minimum 2 hour recharge; 12 hours for high cycle applications                                                                                                                                                                        |
| <b>Temperature Rating</b> | -40° to 158°F (-40° to 70°C) Heater & fan automatically adjust cabinet temperature for optimal battery life                                                                                                                                |
| <b>Charger</b>            | Smart charge system conditions battery                                                                                                                                                                                                     |
| <b>Ultra Reliable</b>     | Two independent, redundant chargers                                                                                                                                                                                                        |
| <b>Enclosure</b>          | NEMA 3R with heater and fan                                                                                                                                                                                                                |
| <b>ETL Listed</b>         | UL 325                                                                                                                                                                                                                                     |
| <b>Warranty</b>           | 2 year (system and electronics), 1 year battery                                                                                                                                                                                            |

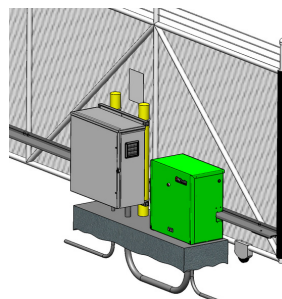
\* 115V DC Power Supply requires 30A branch circuit



Redundant chargers double reliability

completely recharged in as little as 2 hours (12 hours when operating a high-traffic gate).

**Adaptable** - Easy replacement of existing, older DC chargers in HySecurity DC Supply Cabinets. If you are interested in replacing an older DC charger, contact HySecurity for replacement parts: MX2890-01 HyCharger DC 208/230V or MX2890-02 HyCharger DC 115V\*.



Compatible with most\* HySecurity hydraulic operators: SlideDriver, SlideDriverII, StrongArm, SwingRiser, HydraLift, HydraWedge SM50

\*AC power supply with HyInverter AC is required for 2HP VFD machines (SlideDriver 50VF2/3, StrongArmCrash and HydraSwing operators, SlideDriver II SD40DC, SD200VDC.



PART NUMBER: MX2890-01 | MX2890-02



**Nice/HySecurity is an industry leader of automated gate and perimeter security solutions.**

The HySecurity brand provides high-quality, ultra-reliable industrial gate operators and crash-rated, Hostile Vehicle Mitigation (HVM) vehicle barriers designed to secure and protect critical infrastructure and facilities worldwide.



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