

**Monarch Instrument
Power Supplies and Chargers**

Updated 02/11/2021

| Status: Active (A) | | A | A | O | O | O | O | O | O | O | O | A | O | O | O | O | O | A | A | A | A | A | | |
|----------------------|------------------------------|----------------------------|-----|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|---------|-------|--------|--------|---------|--------|--------|-------|----------|
| Status: Obsolete (O) | | | | | | | | | | | | | | | | | | | | | | | | |
| Instrument | Power Supply/ Recharger | R-5 | R-6 | FR-3A | FR-4 | PSC-3 | PSC-4 | R-115 | R-230 | PR115 | PR230 | PRUNV | PSC-1 | PSC-1W | PSC-1U | PSC-1UW | PSC-2 | PSC-2W | PSC-2U | PSC-2UW | SPSR-U | PSC-3U | LBC-U | PSC-pbxU |
| | O | DC 1200 Card Reader (CR-1) | X | | | | | | | | | | | | | | | | | | | | | |
| O | DC 1200 Card Reader (CR-1-1) | | X | | | | | | | | | | | | | | | | | | | | | |
| O | DC1250-S-x-x | | | | | | | | | | | | | | X | | | X | | | | | | |
| A | DC1250-U-x-x | | | | | | | | | | | | | | | X | | | | X | | | | |
| O | MVS Frequency Controller | | | | | | | | | | | | | | | | | | X | | | | | |
| A | Nova-Pro | | | | | | | | | | | | | | | | | | | X | | | | |
| O | Nova-Strobe AB 115 | X | | X | | | | | | | | | | | | | | | | | | | | |
| O | Nova-Strobe AB 230 | | X | | X | | | | | | | | | | | | | | | | | | | |
| O | Nova-Strobe BB 115 | X | | | | | | | | | | | | | | | | | | | | | | |
| O | Nova-Strobe BB 230 | | X | | | | | | | | | | | | | | | | | | | | | |
| O | Nova-Strobe bbx 115 | | | | | | | | | | | | | | | | X | | | | | | | |
| A | Nova-Strobe bbx 115/230 | | | | | | | | | | | | | | | | | | X | | | | | |
| A | Nova-Strobe BBL | | | | | | | | | | | | | | | | | | X | | | | | |
| O | Nova-Strobe DB 115 | X | | X | | | | | | | | | | | | | | | | X | | | | |
| O | Nova-Strobe DB 230 | | X | | X | | | | | | | | | | | | | | | | | | | |
| O | Nova-Strobe DB Plus 115 | | | | | | | X | | | | | | | | | | | | | | | | |
| O | Nova-Strobe DB Plus 230 | | | | | | | | X | | | | | | | | | | | | | | | |
| O | Nova-Strobe dbx 115 | | | | | | | | | | | | | | | | X | | | | | | | |
| A | Nova-Strobe dbx 115/230 | | | | | | | | | | | | | | | | | | X | | | | | |
| A | Nova-Strobe DBL | | | | | | | | | | | | | | | | | | X | | | | | |
| O | Palm Strobe 115 | | | | | | | | | X | | X | | | | | | | | X | | | | |
| O | Palm Strobe 230 | | | | | | | | | | X | X | | | | | | | | X | | | | |
| O | PALM STROBE x 115 | | | | | | | | | | | | X | | | | | | | X | | | | |
| A | PALM STROBE x 115/230 | | | | | | | | | | | | | | X | | | | | X | | | | |
| O | Phasar-Laser/R 115 | X | | | | | | | | | | | | | | | | | | | | | | |
| O | Phasar-Laser/R 230 | | X | | | | | | | | | | | | | | | | | | | | | |
| O | Phasar-LCD/R 115 | X | | | | | | | | | | | | | | | | | | | | | | |
| O | Phasar-LCD/R 230 | | X | | | | | | | | | | | | | | | | | | | | | |
| O | Phasar-LED/R 115 | X | | | | | | | | | | | | | | | | | | | | | | |
| O | Phasar-LED/R 230 | | X | | | | | | | | | | | | | | | | | | | | | |
| O | Phasar-Strobe PB 115 | X | | | | X | | | | | | | | | | | | | | | | | | |
| O | Phasar-Strobe PB 230 | | X | | | | X | | | | | | | | | | | | | | | | | |
| A | Phasar-Strobe pbx 115/230 | | | | | | | | | | | | | | | | | | | | | | | X |
| A | Nova-Strobe PBL | | | | | | | | | | | | | | | | | | | | | | | X |
| A | PLS Pocket LED Strobe | | | | | | | | | | | | | | | | | | | | | | | X |
| A | SLS 115/130 | | | | | | | | | | | X | | | | | | | | | | | | |
| O | SPLS-5/115 | X | | | | | | | | | | | | | | | | | | | | | | |
| O | SPLS-5/230 | | X | | | | | | | | | | | | | | | | | | | | | |
| O | SPS-5/115 | X | | | | | | | | | | | | | | | | | | | | | | |
| O | SPS-5/230 | | X | | | | | | | | | | | | | | | | | | | | | |
| A | SPSR-115/230 | | | | | | | | | | | | | | | | | | | | X | | | |
| O | Tach-4A/R 115 | X | | | | | | | | | | | | | | | | | | | | | | |
| O | Tach-4A/R 230 | | X | | | | | | | | | | | | | | | | | | | | | |
| O | Vibration Strobe VB 115 | X | | X | | | | | | | | | | | | | | | | | | | | |
| O | Vibration Strobe VB 230 | | X | | X | | | | | | | | | | | | | | | | | | | |
| A | Vibration Strobe vbx 115/230 | | | | | | | | | | | | | | | | | | | | | | | X |

Electrical Specs

| | | | | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|------|-------|------|------|------|-------|------|----|
| DC Charging Volts | 7.8V | 6.9V | 7.0V | 12V | 9V | 9V | 9V | 9V | 9V | 7.5V | 9V | 4.2V | 9V |
| DC Charging Current | 300mA | 1Amp | 100mA | 750mA | 300mA | 1.1A | 550mA | 1.1A | 0.4A | 1.3A | 500mA | 3.3A | |
| DC Volts (No Load) | 11 V | 14.4V | 7.6V | 17.4V | 15V | 9.1V | 9V | 9V | 7.5V | 9V | 4.2V | 9V | |

Notes:

R-5 & R-6: 14 Hr. Slow Recharger. Wall Wart plastic
Only use with AB, BB, DB & PB Strobes.

PR Universal: 115Vac to 230Vac Wall Wart plastic with Universal Wall Plugs
Only use with old **red** Palm Strobes or SLS 115/230

PSC-2U: 115Vac to 230Vac Wall Wart plastic with Universal Wall Plugs
Standard charger for all basic and deluxe Nova-Strobes and PALM STROBE^x
Temporary Substitute: Switching Power Supply, Model: PSM11R-090

SPSR-U: 115Vac to 230Vac Wall Wart plastic with Universal Wall Plugs
Standard charger for all SPSR units since April 2019 (Older units used PSC-2U)

PSC-3U: 115Vac to 230Vac Wall Wart plastic with Universal Wall Plugs
Standard charger for all Nova-Pro Strobes

LBC-U: Li-ion battery charger
Standard charger for all PLS Pocket LED Strobes

PSC-pbxU: Continuous Operation AC Power Supply or Recharger. Comes with 2 cables for US and European connection
Only used with Phasar-Strobes (pbx, PBL) and Vibration Strobe (vbx)