

MPSONE Universal Ramp Power Supply

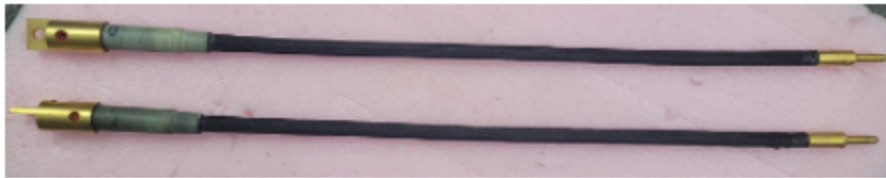
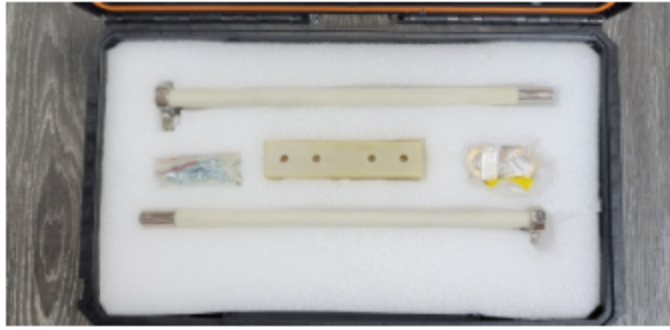


- ✓ True Portable Multi Vendor Ramp Power Supply 57 Pnds (25 KGs)
- ✓ Manual and Fully Automatic Operation for all OEMs / 1000 Amps
- ✓ Easy to use GUI / LCD based built in Computer with AI Features
- ✓ Plug and Play, Easy to use, Free Remote Updates thru WIFI
- ⏏ Wide Range Global 3-Phase input 342-528Vac, 47-63Hz
(Covers 380/400/415/440/460/480Vac)
- ⚡ Ramp Down Accelerator Support. minimized Ramp Down to 45 Mins
- ✓ Rugged Tough Design. Easy to Carry around with Field Engineer
- ↗ Interface with Metrolab teslameter PT2025/PT2026 Bult in
teslameter design in progress

TECHNICAL SPECIFICATIONS

Input Voltage / freq Main PS	• 3P 380VAC-480V AC (50/60Hz) or 208V AC (50/60Hz)
Input Voltage / freq Electronics	• 1P 110V/220V AC (50/60 HZ)
Output Current	• 0-1000 Amp DC Auto / Manual
Output Voltage	• 0-10 V DC Auto / Manual
No of Phase	• 3 Phase + N + Protective Ground
Dropout voltage	• 370V / 200V
Input current	• 15A max
Power factor	• 0.88 Passive
Leakage current	• 3.5 max
Input protection	• Circuit Braker
Phase Imbalance	• <%5 on Three Phase Input
Max. line regulation c.v	• 0.1% of FS from Io min. to Io max
Max. line regulation c.c	• 0.1% of FS from Vo min. to Vo max
Max. load regulation c.v	• 0.1% of FS from Io min. to Io max
Max. load regulation c.c	• 0.1% of FS from Vo min. to Vo max
Temp. drift c.v	• +/-0.05% of Full Scale over 9 hours after 30 min
Temp. drift c.c	• +/-0.05% of Full Scale over 9 hours after 30 min
Stability c.v	• 200 (0.02% Full Scale)/Degree C
Stability c.c	• 200 (0.03% Full Scale)/Degree C
Output noise p-p c.v	• 30
Ripple r.m.s. c.v	• 20
Ripple 10kW c.c	• %0.5
OCP	• 0-100
OCP Type	• Constant current
Short circuit protection	• Auto
Foldback protection	• Output shut down
OVP Type	• Inverter shut down
OVP trip point	• 0.05 x Rated Output Voltage
Phase Loss Protection	• Yes
Cooling	• Air Cooled
Weight (pounds)	• 60
Dimensions (inch)	• 26 x 22 x 10

Accessories



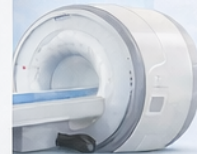
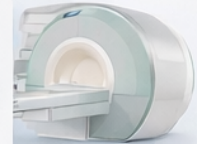
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MEDSOURCE
PARTS - SYSTEMS - SERVICE



MPSONE

Universal Magnet Ramping System Reporting Portal



MPS System Operation Summary

Web file: RampUp15_A085E3F34E3C (3/11/2026, 13:26:54 PM) test3 Dashboard Logout

Graph Int: Sample data (demo)

Serial: RampUp15_A085E3F34E3C (3/11/2026, 3:28:54 PM)

RAMPUP15_812B4E1E RampUp15_A085E3F34E3C (3/11/2026, 3:28:57 PM) Save

RampUp15_A085E3F34E3C (3/11/2026, 5:31:11 PM)

RampUp16_A085E3F34E3C (3/11/2026, 3:42:22 PM)

Operation

Session: General Overview Live Magnet Current (kA) Magnet Current (kA) Live Magnet Voltage (kV) Magnet Voltage (kV) Shut/Passout

Demo:

Relay:

Time:

Water:

Current:

Log In to Track and Analyze Magnet Ramping Processes in Real Time

- ✓ Remote Monitoring and Control
- ✓ Detailed Ramp Up and Ramp Down Data Analysis
- ✓ Graphical Data Visualization
- ✓ Session Logs and System Status Summary

MPS System

Sign in to continue

Username

test3

Password

Sign in

MPS System

Sign in to continue

Username

test3

Password

Sign in

Log In to Track and Analyze Magnet Ramping Processes in Real Time

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