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TECHNOLOGY GROUP

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Expert team | Trust guarantee | 100% satisfaction

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Find the *Amrel PX20-10A* at our website: ***Click HERE***

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PD-Series Programmable Power Supply



• Standard Models

• Download Datasheet

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PD Series General Specification

AC LINE INPUT
120/240 VAC±10%

LINE FREQUENCY
50/60 HZ

TOPOLOGY LINEAR
Constant Voltage (CV)
Constant Current (CC)

OUTPUT VOLTAGE
5 to 350 Volts (Maximum)

OUTPUT CURRENT
0 to 40 Amps (Continuous maximum)

OUTPUT POWER
20 to 1,200K Watts

PROGRAMMING RESOLUTION (LSB)
Voltage - Vmax/4000
Current - Iman/4000

PROGRAMMING ACCURACY
CV - ± 0.05% of setting + 2LSB
CC - ± 0.15% of setting + 5LSB

READBACK ACCURACY
CV - ± 0.1% of setting + 2LSB
CC - ± 0.2% of setting + 5LSB

LINE REGULATION
CV - ± 0.0001% + 1mV
CC - ± 0.01% + 1mA

LOAD REGULATION
CV - ± 0.001% + 1mV
CC - ± 0.01% + 1mA

PARD
CV - 3m Vrms, 3m Vp-p (Typical)
CC - 3m Arms (Typical)

TRANSIENT RESPONSE
50µS for 50% to 100% load change within 0.1% or rated output

REMOTE SENSE
Voltage drop <= 2VDC/output line

DRIFT (over 8hours & 30 minutes' warm-up period)
± 0.01% + 1mV

OPERATING TEMPERATURE
0°C to 50°C

STORAGE TEMPERATURE
-40°C to 70°C

TEMPERATURE COFFICIENT
100PPM/°C (30 minutes warm-up period)

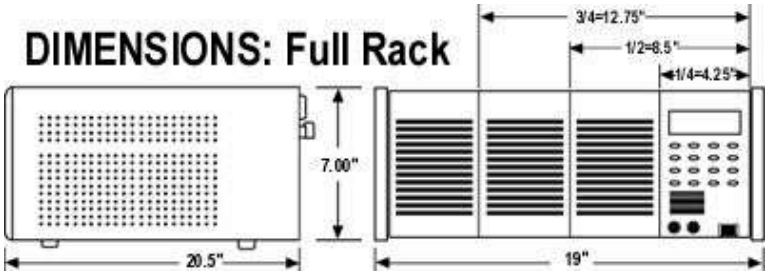
HUMIDITY
0% to 95% RH non-condensing

OUTPUT ISOLATION
± 250VDC

PROGRAMMING METHOD
Push-Button (front panel)
GPIB Interface IEEE488.1 or IEEE 488.2 (option)
RS232 Interface

DISPLAY
16 X 2 (Characters x Rows
Bakelite
CC/OVP/OUTPUT
Annunciators

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