

WebiSmarts System

ROTEM RadMon Power Supply DPU-3 (Additional) PCAT: P5451GU

Radiation Detection Division

The DPU-3 Meter requires between 9VDC to 15VDC 1.5A to operate and is powered by one of three options in the following priorities:

- External Power via an Adapter
- POE (Power over Ethernet)
- Internal Battery

In case the DPU-3 is supporting a flow meter, it must be connected to external power to enable it to provide the necessary current required by the flow meter upon startup.

This power supply is supplied along with the DPU-3



Power Consumption

The following table describes the consumption of the DPU-3 when connected to an external DC source of 15 VDC with different configurations

Condition	Current Consumption	Power
DPU-3 without any detector	450 mA	5.4 W
As above with Internal Detector	600 mA	7.2 W
As above with 3 external detectors	950 mA	11.4 W
As above under alarm condition	970 mA	11.64 W
With 3 external detectors and flow meter	1.2 A	14.4 W



Related Products

ROTEM RadMon Light Tower Cable (50m 165 ft.)	P5451GL
ROTEM RadMon Detector Cable (1.5m/5ft)	P5451FG
ROTEM RadMon Detector Cable (9m/30ft)	P5451GV
ROTEM RadMon Detector Cable (30m/98ft)	P5451GW
ROTEM RadMon Detector Cable (70m/230ft)	P5451GH
ROTEM RadMon Detector Cable (100m/328ft)	P5451FH

The AC Power Adapter Features



Output; 12 VDC / 2 Amps

Universal Input Range 100~240Vac 50~60 Hz

Safety: UL/CUL/PSE/BSMI/RCM/GS

EMI: CE/FCC Class B: Conduction & Radiation Met.

Protection: OVP (Over Voltage Protection), SCP (Short Circuit Protection), OCP (Over Current Protection)

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