

FEATURES:

- High stability
- Low cost
- Simple inclusion and use

POWER SUPPLU FOR:

- Medical equipment
- Personal dose monitor
- Portable devices
- Nuclear monitoring



DSG2500-25 / DSG3000-25

Table 1 - ABSOLUTE MAXIMUM RATINGS

Name	Value
Bias voltage (U_{bias})	50 V

Table 2 – SPECIFICATIONS DSG2500-25 / DSG3000-25

Name	DSG2500-25	DSG3000-25
Energy resolution R, % ($E_{\gamma}=662$ keV, ^{137}Cs)	6.5	
Energy resolution R, % ($E_{\gamma}=59.5$ keV, ^{241}Am)	33	
Radiation resistance, Rad	10^4	
Scintillator material	CsI(Tl)	
Scintillator dimension (LxWxD), mm	25x10x10	30x10x10
Silicon PIN photodiode active area	25 mm ²	
Electrical capacitance ($U_{bias}=30\text{V}$), pF	33	
Dark current ($U_{bias}=30\text{V}$, $T=20^{\circ}\text{C}$), nA	0.37	
Dimension (LxWxD), mm	30x15x15	35x15x15
Protection from ambient light	NOT	

Manufacturer: AlexDetector.

Contacts and order: info@scintillators.ru

Web: <https://scintillators.ru>

OEM PRODUCTS PURCHASE AND USE CONDITIONS

Products of the OEM category are not intended for the end user. Products of this category are designed exclusively for developers and manufacturers of electronic equipment. Manufacturer of this product cannot check the conditions of use and storage, compliance with the requirements of "absolute electrical values" and "parameters" sections, other requirements listed in product documentation, or customer technical expertise. By purchasing this product, you agree that this product is not subjected to return or replacement. The manufacturer ensures the QC of the entire batch of products before shipment to the customer.