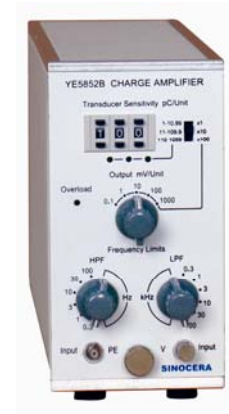




Charge Amplifier (wide frequency response up to 500kHz) Model: YE5856

FEATURES

- The upper frequency limit up to 500kHz.
- Low size, high integration.
- Three decimal-system uniformization output.
- Built-in multiple low pass and high pass filters.
- Low noise, high precision.
- Charge and voltage inputs.
- Overload Indication.



Technical Specifications:

Input Range	Voltage: $\pm 10\text{VP}$ (Max); Charge: $\pm 106\text{ PC}$ (Max)
Output Range	Voltage: $\pm 10\text{VP}$ (Max)
Noise	$\leq 5\mu\text{V}$ (the max gain converted into the input end)
Overload Indication	LED on when output exceeds $ \pm 10 \text{ V}$
Gain	Switch Selectable 0.1, 1, 10, 100, 1000, 10000 mV/Unit
Accuracy	$\pm 1\%$
Low Pass Filter	Switch selectable 1k, 3k, 10k, 30k, 100k, 500kHz ($-3\text{dB} \pm 1\text{dB}$), -12dB/Oct
High Pass Filter	Switch selectable 0.3, 1, 3, 10, 30, 100Hz ($-3\text{dB} \pm 1\text{dB}$), -6dB/Oct
Temperature	Operating: 0°C to 40°C ; Storage: -55°C to 85°C
Humidity	95% R.H. (Max)
Power Supply	DC: ± 18 to $\pm 27\text{V}$; AC: 220V50Hz/110V60Hz
Dimensions	70mm(W) \times 132.5mm(H) \times 200mm(D)
Weight	1.5kg
Connections	Input: L5; Output: BNC; Power Supply: 3GTJE3(AC)
Input Cable	Double-ended L5 STYV-1 low noise cable(2m)
Output Cable	Double-ended BNC 50Ω output cable(2m)
Power Cable	1