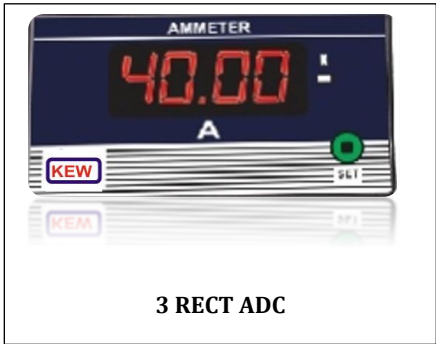
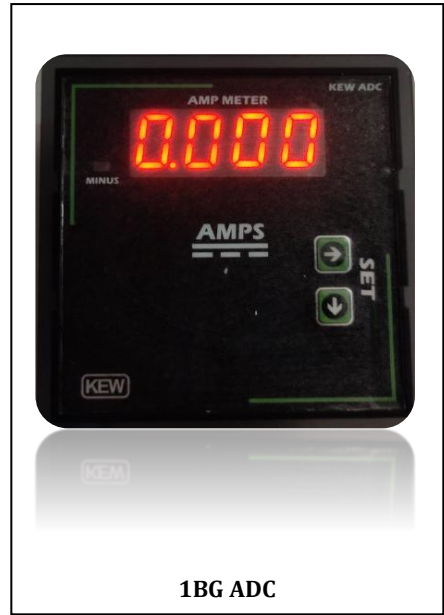


KEW WAVE SERIES-PANEL METER

PRODUCT 1.2: - DC AMMETER



DESCRIPTION

KEW DC Ammeters are designed for accurate measurement of DC current in a wide range of applications like solar systems, battery banks, and control panels. They support both **direct and shunt inputs** with programmable ranges. The meters feature a **4-digit bright LED display** and **push-button navigation**. Multiple input options (0–20A direct / 60mV / 75mV) are available for flexible integration. **Password protection** ensures secure usage. Optional **RS-485 communication** supports remote monitoring. Wide **auxiliary supply compatibility** (150–300V AC, 45–270V AC/DC, 19–60V AC/DC) and **Class 1.0 accuracy** make it a reliable choice. Built to IEC60255-11 standards with a rugged ABS body.

FEATURES OF DC AMMETER

Meter Type	DC AMMETER
Measured Parameters	DC Current – Direct & Shunt Input Selection (0–20A Direct, 0–75mV/60mV DC Shunt)
Smart Display & Navigation	4-digit LED display with Auto/Manual Scroll, Password Protected
Accuracy	±0.1% to ±0.5% for Current
Flexible Integration	RS-485 (optional), selectable measuring ranges, relay output (optional), wide auxiliary supply



SPECIFICATION OF DC AMMETER

Electrical Characteristics: -

Meter Type	<u>DC Ammeter</u>
Input Current Range	0–20A DIRECT, 0–75mV/60mV DC (Shunt Input)
Shunt Range Programmability	1A to 50A programmable
VA Burden	Auxiliary Supply: <1.5 VA Current Input: <1.0 VA
Auxiliary Supply	150–300V AC, 45–270V AC/DC, 19–60V AC/DC
Impulse Withstand Voltage	3.5 kV for 1.2/50 μ s

Environmental Characteristics: -

Operating Temperature	0°C to 60°C
Storage Temperature	0°C to 70°C

Mechanical Characteristics: -

Mounting Type	Panel Mount
Panel Dimensions	96*96mm , 72*72mm , 48*96mm

Display Characteristics

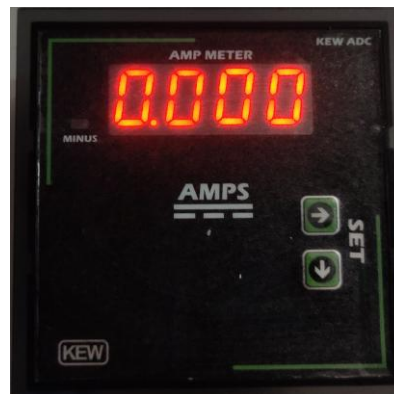
Display Type	4 Digit Red LED Super Bright Display
Digit Height	0.56" / 14.2 mm

APPLICATIONS OF DC AMMETER

Battery Banks & Charging Systems



Solar Power Installations



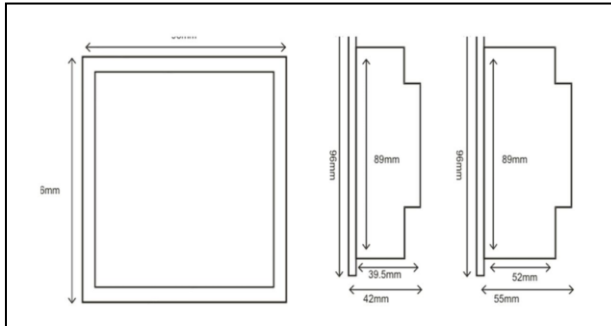
DC Panels and Distribution Boards



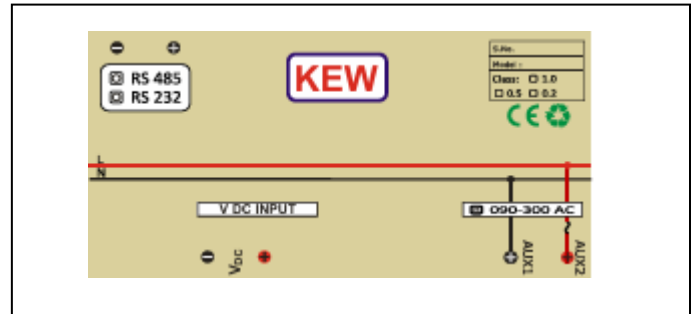
Telecom Power Supplies



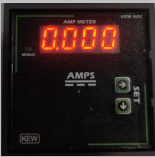
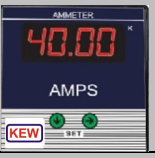

Panel Cutout



Terminal Connection



Ordering information:

MODEL	Measuring Range	Accuracy Class	Auxiliary Supply
BG ADC 	0–10A DC (DIRECT) 0–20A DC (DIRECT) 0–75mV (SHUNT INPUT) 0–60mV (SHUNT INPUT) 75–0–75 mV (SHUNT OR TRANSDUCER I/P) 60–0–60 mV (SHUNT OR TRANSDUCER I/P)	1.0 0.5	150–300V AC (TX Supply) 45–270V AC /DC 19–60V AC /DC
SG ADC 	0–10A DC (DIRECT) 0–20A DC (DIRECT) 0–75mV (SHUNT INPUT) 0–60mV (SHUNT INPUT)	1.0 0.5	150–300V AC (TX Supply) 45–270V AC /DC 19–60V AC /DC
RECT ADC 	75–0–75 mV (SHUNT OR TRANSDUCER I/P) 60–0–60 mV (SHUNT OR TRANSDUCER I/P)		45–270V AC /DC