

Bluestar C1000-S Series

Static Single Phase KWh Meter C1000-S

- Measurement of active electricity energy kWh
- Data storage in non-volatile memory
- Automatic meter reading with IEC62056-21 Optical Port
- Easily readable data indication on LCD display
- Anti-tampering load earthing condition
- Anti-Tampering by Reverse Units registration
- One whole body of meter casing, no need to seal the meter cover



Ratings

o Standard	IEC 62053-21, Single-Phase 2-wire
o Accuracy class	Class 1
o Reference voltage	U _n 110V; 220V; 240V
o Reference (maximum) current I _b (I _{max})	1.5 (6) A 5 (80) A 10(120) A
o Current threshold	CT 0.2% I _b Direct 0.4% I _b
o Reference Frequency	50/60 Hz
o Power consumption:	
in voltage circuit	< 0,8W; < 1 VA
in current circuit	< 0,05 VA
o Temperature ranges:	
meter operating	-30°C to +70°C
meter storage	-45°C to +85°C

LCD Display

- o Cyclic data indication automatically
- o LCD data display during power outages
- o LCD with 7 digit major data with 10th digit

Communications

- o Optical communication IEC 62056-21
- o RS-485 Optional

Inputs and Outputs

- o Electric pulse output (SO) Test output
- o LED output (meter constant) 500 - 4000 imp/kWh
- o Terminal cover open monitor: Optional

Case and Dimension Sizes

- o Case Materials Clear Polycarbonate
- o Dimensions (mm) 120 x 104 x 44 mm
- o Weight 0.4 Kg
- o Water-proof IP54

