



TECHNICAL SPECIFICATION- MODEL S2652

Processors:	8Bit – 16 MIPS RISC Microcontroller
Memory:	Non-volatile EEPROM – data retention more than 20 years
Zones:	Up to 4 different cost rate periods per day
LCD Display:	High quality FSTN type
System Configuration:	Up to 25 Display Units can be registered to transmitter
Atomic Clock:	Multiple Bands – sync for WWVB, DCF77, MSF and JJY.
Radio Frequency:	868 MHz ISM Band
Transmitter/Display Range	80 meters – open area; 30 meters – indoors
Temperature:	+/- 1 deg C. Humidity: +/-5% Relative Humidity
Weather Forecast Status	Cloudy, shower/rain, occasional Sunshine, and Sunny
Current Measurement:	0.3A – 100A (Ampere), cumulative 3-phrase measurement is supported by transmitter. Accuracy depends on the variables you have set.
Current (RMS) accuracy	- 0.3A – 1A within 5% 1A – 100A within 3%
Energy Consumption alert	5 levels of Ultra-bright LED's indicate current energy consumption Off, Green, amber, red and flashing red.
Servicing	Do not attempt to service any part yourself. Opening or removing covers may expose you to danger or voltages or other risks and voids all warranties. Refer all servicing only to qualified engineers at Eco1 Limited.
Batteries	Use only supplied NiMH rechargeable batteries (rating 1.2V 1000mAh) Warning –incorrect batteries may result in explosion or fire hazard For replacements contact Eco1 Limited or at www.saveometer.com
Battery Consumption:	Transmitter Standby: 60uA Operation: 45mA Display Unit Standby: 110uA Operation: 25mA & 1 mA (average)
Battery Low indication	Battery low indication at display for both the transmitter and display
Battery Recharging	Use only the transmitter & display compatible charging base. Remove connecting jack from transmitter before placing in charging base.
Power Supply	Eco-friendly (very low power consumption) Switching Mode (SMPS) Use only supplied power supply (model S005CB0720050) with input: 100 – 240V; 50/60Hz; 150 mA; Output 9V DC 500mA
Operational Temperature:	5 deg C – 45 deg C (41 deg F – 113 deg F) at 85% relative humidity
Dimensions:	Transmitter 70 mm W x 115H x 35 D, weight 150g Display unit 99W x 157H x 35 D weight 341g Charging base 130W x 47H x 125D mm, weight 154g (Weight with batteries)
Cleaning	Only clean the transmitter and display and charger base using a dry cloth. Do not use aerosol or liquid cleaners. Keep display air vents clean & do not block the air vents in any way



Conforms to the adjacent technical standards

Safety: EN61010-1-2001 & EN61010-031-2002

EMC: EN55014-1:2006, EN61000-3-2:2006, EN55014-2:1997 + A1
EN61000-3-3:1995+A1+A2 & AS/NZS CISPR 14.1 2003

Radio: EN300 220-2 V2.1.2 (2007-06), EN300 330-2 V1.3.1 2006-04
EN301 489 -3 V1.4.1 ("002-08) & AS/NZS 4268:2008

Copies of all compliance certificates available on request



Warning: Do not use non rechargeable batteries



Warning: Adopt safe procedures when working on hazardous live installations, like when fitting or removing a current sensor

If the Saveometer or any part thereof is used in a manner not specified herein the protection provided by the Saveometer may be impaired and the warranty invalidated. Final manufacture is by a carefully selected ISO9001:2000 approved factory in the PRC. Components are from the UK, Japan, the USA, Korea and elsewhere