

# SRS-Smart Meter SM65W-2P 65A + Wi-Fi

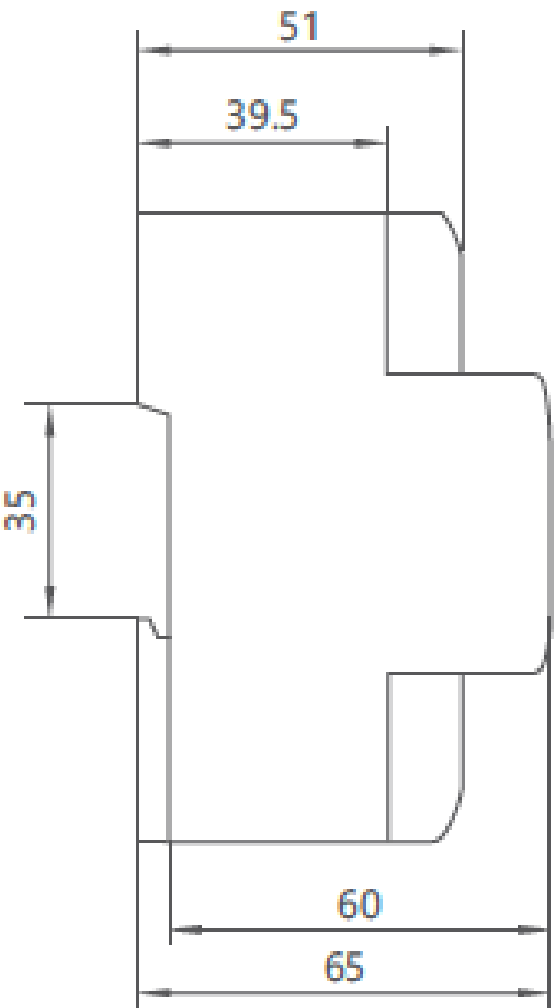
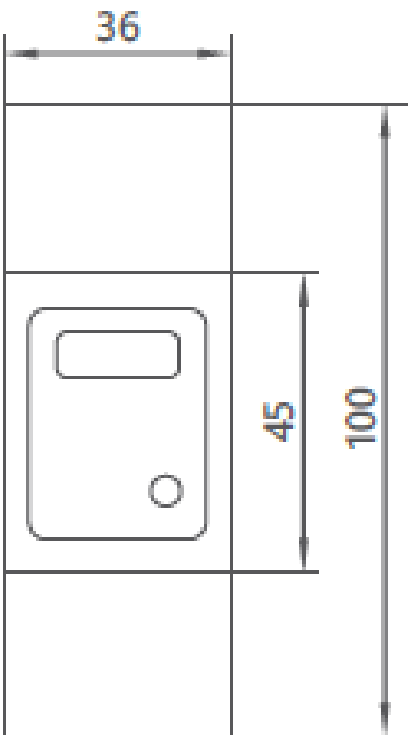


## General

The meter is used in three phase four wire power grid. It is designed to measure AC active energy and variable parameters. It has remote read communication to port RS485 and WIFI, and a long-life with the advantage of high stability, high over load capability, low power loss and small volume.

## Functions & Features

1. LCD display with back-light, keypad for LCD display step by step
2. Bi-directional total active energy measurement, reverse active/ energy measure in the total active/reactive energy
3. The meter also display real voltage, current, active power, reactive power, power factor, frequency, import active energy, export active energy. reactive energy
4. timing and delay control by APP
5. Day/Month/Year history active energy consumption tracking by APP
6. Check the A phase real current, A phase voltage, conjunction phase active power by APP
7. Remote control on/off by APP
8. Manual Control by button under lose WIFI
9. RS485 communication port, MODBUS-RTU protocol
10. WIFI communication, can read and remote control by APP
11. Pulse LED indicates working of meter, Pulse output with optical coupling isolation
12. Loss phase LED indication, WIFI connection LED indication
13. Energy data can store in memory chip more than 15 years after power off



## Specifications

Technical Index	Specification		
Rate vltage AC	110V~270V1(0.8~1.2Un)		
Rate Current/Frequency	5(65)A 50Hz or 60Hz±10%		
WIFI	802.11b/g/n		
Connectin mode	Direct type	Accuracy class	1% or 0.5%
Power consumption	<1W/10VA	Start current	0.004Ib
AC voltage withstand	4000V/25mA for 60s	Over current withstand	30I <sub>max</sub> for 0.01s
IP grade	IP20	Executive standard	IEC62053-21 DIN 43880
Work temperature	-25°C~70°C	Pulse output	Passive pulse,80±5ms