

# Afore Smart Meter

## 10 Year Dedicated Inverter Manufacturing



T 86-21-54326236 F +86-21-54326136 E info@aforeenergy.com

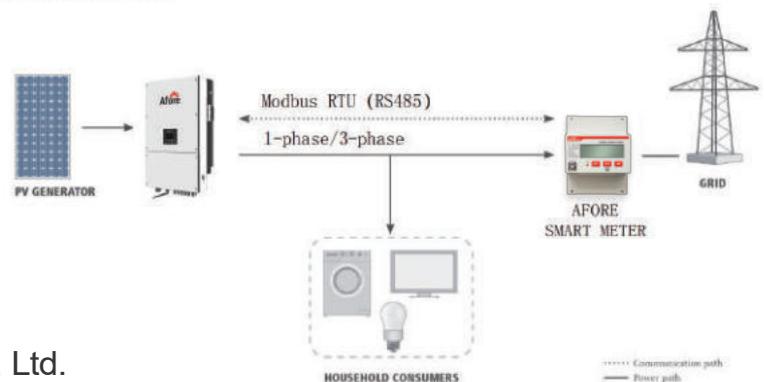
Ad No.2755, Sanlu Rd. Minhang District, Shanghai, China. 201112

Afore smart meters are an intelligent control devices which are designed to adapt to Afore grid-connected inverter. Its function is to measure the forward and reverse power of the grid-connected side, and transmit the data to the inverter equipment through RS485 communication, ensure that the power of the inverter is less than or equal to the user side load, and achieve the purpose of no current flowing into the grid.

DIN 35mm rail type installation and structure modular design, which has the advantages of small size, easy installation and easy networking, and is widely used in new energy self-use system.

Parameter			
Type	SAPM-10KW	TAPM-50KW	TAPM-130KW
AC power	10KW	50KW	130KW
Max AC Power	11KW	55KW	150KW
Degree of accuracy	1%	1%	1%
AC Rating voltage	230V	230/400V	230/400V
AC voltage range	184-253V	320-440V	320-440V
AC Rating current	43.5A	3*72.5A	3*200A (CT max 3*5000A)
Max AC current	60A	3*80A	3*220A (CT max 3*5000A)
Rating frequency	50/60Hz	50/60Hz	50/60Hz
Frequency range	45-65Hz	45-65Hz	45-65Hz
Grid type	L+N	3P+N	3P+N
connection for measurement	direct connect	direct connect	Via current transducers (CTS)
Communication	RS485	RS485	RS485
Dimension(W,L,H)	30 x 100 x 65 mm	70 x 100 x 65 mm	70 x 100 x 65 mm
Enclosure	IP20	IP20	IP20
Installation	35mm rail	35mm rail	35mm rail

### CONFIGURATION DIAGRAM



**Afore**

Afore New Energy Technology (Shanghai) Co., Ltd.