

Integ R Series

The Power Reader



Smart Meter RMM/RMK

Precision

High current measurement precision

Intelligence

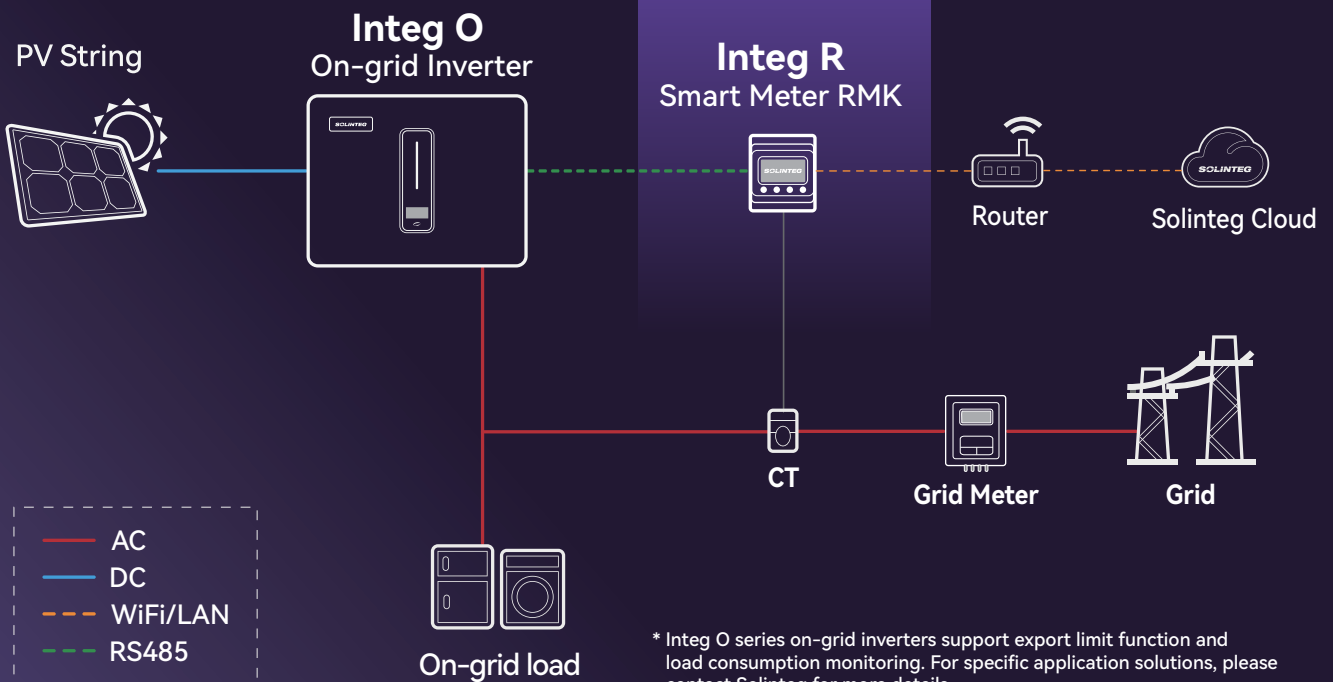
Compatible with RS485/Wifi/LAN

Convenience

OLED display for easy setup and management

Security

Accurate export limitation and control



Solinteg smart meter with two versions of RMM and RMK, is used in the whole energy system management and monitor, providing the real-time information.

MODEL	RMM-MA	RMK-MA	RMM-5A	RMK-5A
Signal and power input				
Rated voltage	230/400V , 1/3~			
Voltage input impedance	>1MΩ			
Rated current	≤100mA	≤100mA	≤5A	≤5A
Sampling current overload	Continue: 1.2 times; instantaneous: 2times / 10s			
Rated frequency	50/60 Hz			
Accuracy				
Current/Voltage	0.50%			
Frequency	±0.01Hz			
Active power	Class 0.5S			
Reactive power	Class 0.5S			
Energy	Class 0.5S			
General data				
Dielectric strength	Resistance from signal, power supply and output terminal to shell >100MΩ			
Withstand voltage	Input and power supply >1.5kV			
Communication	Modbus RTU (RS485)	Modbus RTU (RS485) WiFi/LAN	Modbus RTU (RS485)	Modbus RTU (RS485) WiFi/LAN
Display	OLED	OLED	OLED	OLED
Voltage power consumption	<3VA	<5VA	<3VA	<5VA
Terminal capacity	0.5~4mm ²			
Size (L*W*H)	85*54*75mm			
Weight	220g			
Protection class	IP20 (For Indoor Use)			
Installation method	35mm DIN Rail			
Operating temperature	-30 ~ +60°C			
Operating humidity	<95%, No Condensation			
Operating altitude	<3000m			
Grid type and rated voltage				
Grid type and rated voltage	Three-phase (With 3CT) Delta (Three-phase four-wire): 380/400V/415V(L-L), 208/220/240V(L-L) Wye (Three-phase three-wire): 380/400V/415V(L-L), 208/220/240V(L-L) Split-phase (With 2CT) Split (Two-phase three-wire): 220/230/240V(L-L) Single-phase (With 1CT) 110/120/127/(L-N) 220/230/240V(L-N)			

RMM-MA/RMK-MA are available in single-phase and three-phase versions. Please confirm before placing your order.

*RMM-MA/RMK-MA will be delivered with matched CT(s). CT model:120AΦ16,200AΦ24,300AΦ35(optional);

**RMM-5A/RMK-5A is not delivered with CT. CT requirements:secondary side output of 5A, CT accuracy of 0.5 and max.CT conversion ratio of 5000:5;