

# SPECIAL WATT-HOUR METER FOR SEPARATE BILLING OF ELECTRIC VEHICLE CHARGING PILES, 24X48mm

MODEL  
MMS-PWH



## FEATURES

- Accuracy  $\pm 0.2\%$  F.S.
- Measuring and display ACV/ACA/KW/KWH/Power Factor
- TRMS(ACV/ACA/KW for True RMS)
- Surge test 4KV(1.2x50us.)
- Digit RS-485 interface function
- Dimension small(24x48x48.5mm) and High stability
- Discrete terminal, connector easy

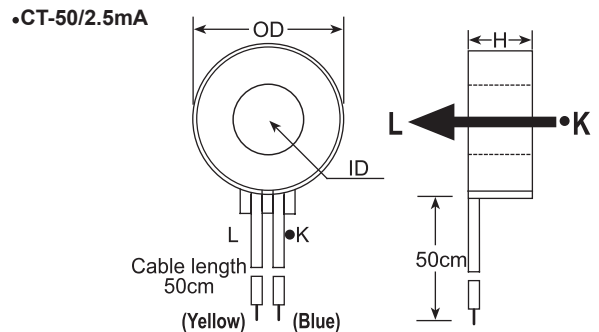
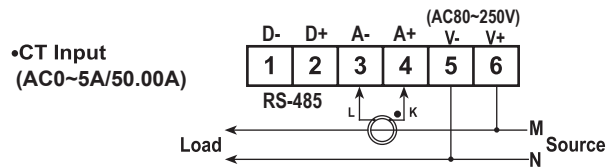
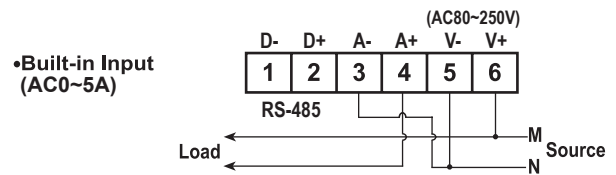
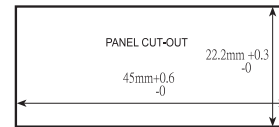
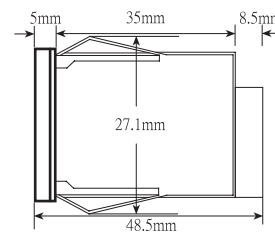
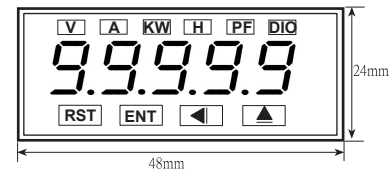
## 1. MODEL: MMS-PWH

NO	Input Current	NO	Input Current
1	AC0~5.000A(Built-in)	3	CT(AC0~50.00A)
2	CT(AC0~5.000A)	9	SPECIFIED

## 2. SPECIFICATION

- Measuring accuracy:  $\pm 0.2\%$  F.S.(rate)(V/A/KW/KWH/P.F) (23 $\pm$ 5 $^{\circ}$ C)
- Input burden: <0.7VA(Voltage & Power supply) <0.25VA(Current)
- Maximum input over: Current related input: 3 x rated continuous, 10 x rated 30 sec, 25 x rated 3 sec, 50 x rated 1sec  
Voltage related input: Maximum AC300V continuous
- Measuring and display range: Voltage(AC80.0~250.0V)  
Current(0.00~5.000/50.00A)  
Watt(0~1.2500/12.500KW)  
KWH(0~99.999/999.99/9999.9/99999KWH auto-range)  
Power factor(1.000~0.500 PF)
- Over input indication: "OVER" & "Unit indication"
- Sampling time: 1 cycles/sec.
- Display mode: Auto or manual can be selective (Auto: chang page/5 second)
- RS-485 address: "00" ~ "FF" (0~255)
- RS-485 baud rate: 19200/9600/4800/2400 selective
- RS-485 protocol: Modbus RTU mode
- Temp. coefficient: 50ppm/ $^{\circ}$ C (0~50 $^{\circ}$ C)
- Display: Red high efficiency LEDs high 6.8mm(0.268")
- Parameter setting: Touch switches
- Memory mode: Non-volatile E<sup>2</sup>PROM memory
- Dielectric strength: 1.5KVac/1 min.(input/output)
- Surge test: ANSI c37.90a/1974, DIN-IEC 255-4 impulse voltage 4KV(1.2x50us)
- Operating condition: 0~50 $^{\circ}$ C (20 to 90% RH non-condensed)
- Storage condition: 0~70 $^{\circ}$ C (20 to 90% RH non-condensed)
- CE EMC Certification: EN 55022:1998/A1:2000 Class A  
EN 61000-3-2:2000  
EN 61000-3-3:1995/A1:2001  
EN 55024:1998/A1:2001

## 3. OUTSIDE DIMENSION AND CONNECTION DIAGRAM



• CT-50/2.5mA: OD/ID/H=26/8.0/13.5mm