

# Supported Cluster

Cluster	Name
0x0000	Basic
0x0002	Device Temperature configuration
0x0003	Identify
0x0004	Groups
0x0005	Scenes
0x0006	On/off
0x0019	OTA
0x0B04	Electrical Measurement
0x0702	Simple Metering

## Cluster Attributes

### Basic

Attribute Id	Attribute Name	Attribute Default Value
0x0000	Zcl Version	0x08
0x0001	Application Version	0x00
0x0002	Stack Version	0x00
0x0003	Hardware Version	0x00

Attribute Id	Attribute Name	Attribute Default Value
0x0004	Manufacturer Name	Namron AS
0x0005	Model Identifier	MeterSmartPlug
0x0006	Date Code	20220610
0x0007	Power Source	0x01
0x4000	Sw Build Id	1.00
0xFFFFD	Cluster Revision	3
0xFFFFE	Report Status	NULL

## Device Temperature configuration

Attribute Id	Attribute Name	Attribute Default Value	Data type	Value Declaration
0x0000	Current temperature	0x8000	INT16S	Internal temperature of equipment -20° ~ 120°
0x0010	device temp alarm mask	0x00	BITMAP8	Bit0: Low temperature alarm Bit1: Overtemperature alarm Bit2 ~ Bit7 : Unused
0x0011	low temp threshold	-10	INT16S	< =-10°, the device generates a low temperature alarm Temperature > =-5° , Alarm cancellation
0x0012	high temp threshold	110	INT16S	> =110°, the device generates a high temperature alarm Temperature < =85° , Alarm cancellation

## Identify

Attribute Id	Attribute Name	Attribute Default Value
0x0000	Identify	0x00

Attribute Id	Attribute Name	Attribute Default Value
0xFFFFD	Cluster Revision	2

## On/off

Attribute Id	Attribute Name	Attribute Default Value
0x0000	On/off	0
0x4001	On time	0
0x4002	off wait time	0
0xFFFFD	Cluster Revision	2

## Over the Air Bootloading

## Electrical Measurement

Attribute Id	Attribute Name	Attribute Default Value	Data Type	Value Declaration
0x0300	Ac Frequency	50		
0x0301	Ac Frequency Min	50		
0x0302	Ac Frequency Max	60		
0x0505	Rms Voltage	0		
0x0506	Rms Voltage Min	1800		
0x0507	Rms Voltage Max	2500		
0x0508	Rms Current	0		

<b>Attribute Id</b>	<b>Attribute Name</b>	<b>Attribute Default Value</b>	<b>Data Type</b>	<b>Value Declaration</b>
0x0509	Rms Current Min	10		
0x050A	Rms Current Max	30000		
0x050B	Active Power	0x00		
0x050C	Active Power Min	10		
0x050D	Active Power Max	60000		
0x0600	Ac Voltage Multiplier	1		
0x0601	Ac Voltage Divisor	10		
0x0602	Ac Current Multiplier	1		
0x0603	Ac Current Divisor	1000		
0x0604	Ac Power Multiplier	1		
0x0605	Ac Power Divisor	10		
0x0800	ac overload alarm mask	0x00	BITMAP16	Bit0: over voltage alarm Bit1:Overcurrent alarm
0x0801	Ac Voltage Overload	2500		
0x0802	Ac Current Overload	16000		

<b>Attribute Id</b>	<b>Attribute Name</b>	<b>Attribute Default Value</b>	<b>Data Type</b>	<b>Value Declaration</b>
0x0803	Ac active Power Overload	30000		
0xFFFFD	Cluster Revision	3		

## Simple Metering

<b>Attribute Id</b>	<b>Attribute Name</b>	<b>Attribute Default Value</b>
0x0000	Current Summation Delivered	0x00
0x0301	Status	0x00
0x0302	unit of measure	0
0x0505	multiplier	1
0x0506	divisor	1000
0x0507	summation formatting	0x03
0x0508	metering device type	0
0xFFFFD	Cluster Revision	3