

Smart Switch

SUN-SMART-SWITCHU2P3



Comprehensive Protection

- Class I protection and multiple electrical safeguards
 - Flame-retardant housing



Wide Adaptation

- Single-phase & three-phase system compatibility



Intelligent Energy Management

- Custom strategies by time, SOC & grid status
- Real-time power monitoring and control via Deye Cloud
 - Easily define critical and non-critical loads



LoRa Communication

- Low latency
- Long-range communication
 - Offline operation

Model

SUN-SMART-SWITCHU2P3

Electrical Parameters

Voltage Range	94-238V.a.c. (Phase voltage)
Connection Type	L1/N (Single phase), L1/L2/L3/N (Three phase), L1/L2/N(Split phase)
Maximum current	25A.a.c. (Phase current)
Frequency and Range	50Hz (45Hz-55Hz)/60Hz (55Hz-65Hz)
Connection	Connector plug-in type

Communication

Communication Model	LoRa
Lora Communication Distance	≈200m (Barrier free)

Basic Parameters

Working Temperature Range	-40 to +45°C
Allow Environmental Humidity	0-100% RH
Ingress Protection(IP) Rating	IP65
Protection Level	CLASS I
Allowable Altitude	≤4000m
Operating Environment	Outdoor
Product size (WxHxD)	96.7x204.7x37.7mm
Weight	0.4kg
Warranty	5 Years
Standard	RCM, UL 61010-1:2012; CAN/CSA-C22.2 No. 61010-1-12

LoRa Parameters

Frequency Range	920MHz-928MHz
Antenna	Internal antenna
Antenna Gain	-0.03dBi@927MHz