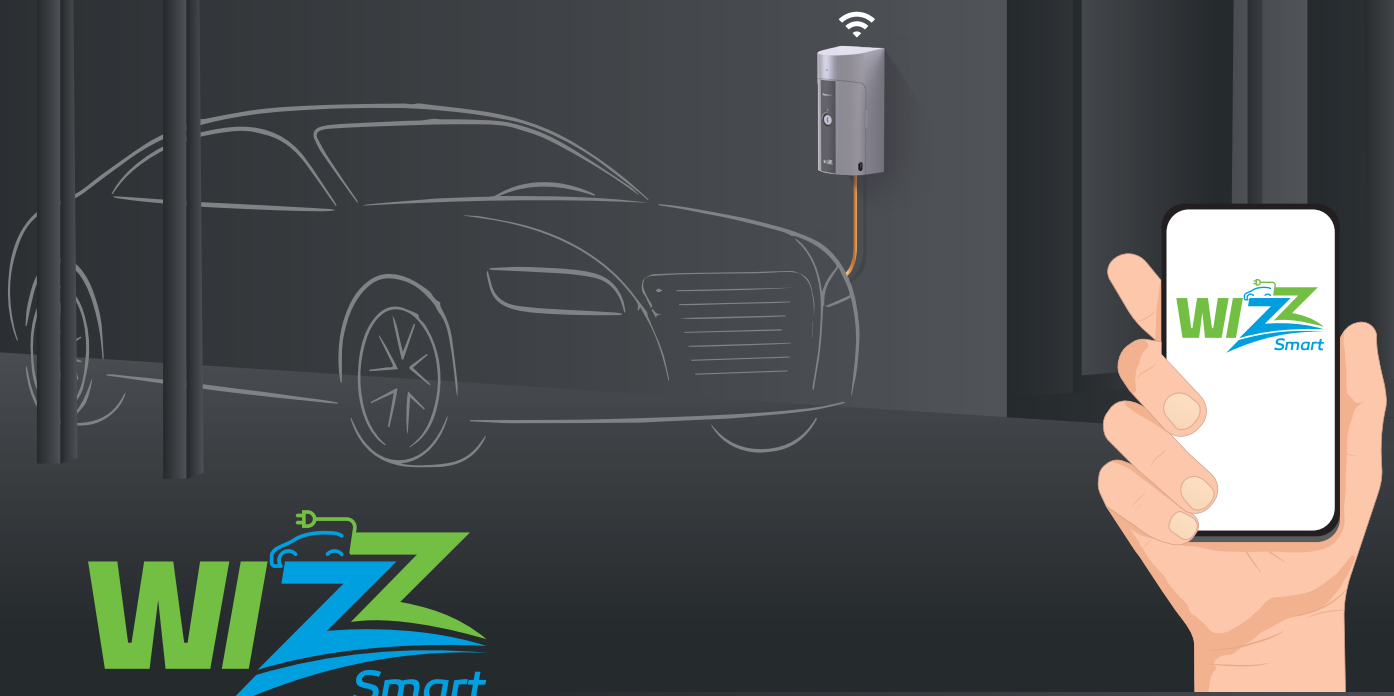


# Panasonic



## EV Outlet



Restricted access  
to On / Off Switch  
via Key Lock



Tamper Proof -  
Lock the door  
when plugged in



Power ON/Charger ON  
/Active/ Error  
LED Indication



Monitoring and  
Control through  
Mobile App



Energy  
Consumption  
History



Indoor Range:  
15 Meters



Flame  
Retardant



RoHS  
Compliant



Made in  
India





## EV Outlet

### ELECTRICALS SPECIFICATIONS

Power Capacity: 3.6kW Max

Rated Current: 16A Max

Rated Frequency: 50Hz

Operating Voltage Range:

Universal AC (85-265VAC)

### SAFETY & PROTECTION

Surge Protection: >2.5 kV

Over Voltage Protection:  $\geq 265VAC$

Over Current Protection:  $\geq 20A$

Leakage Current:  $\leq 3.5mA$   
(provided by external RCD)



### PERFORMANCE

Complying to Glow wire test as per IEC

UV resistant raw material used as per UL746C (for outdoor suitability)

In case of abrupt removal of charging cable, system should immediately detect and save the data.

Door & Lock reliability (for opening / closing) - Min 10,000 operations

Tested for 240 hours of Salt mist test.

IP  
42

IK  
08

Switch- complying with IEC 60669-1

6/16A Twin socket – IEC60884-1

IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4,  
IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-11

### MOBILE APP FEATURES

Secure way of connecting to Smart EV Socket, with minimum features like:

Secured BLE pairing and login

Separate Admin and Guest user login

Users from Admin Login Management (Addition and Deletion)

Charging ON / OFF

Energy consumption usage

Power usage parameters like units to be shown on the app & also a calculation based on unit price can be shown

Capability of monitoring the power consumption of each user.

Past 30 days energy consumption history

Historic data

### ENERGY MONITORING

Energy consumption usage parameters like kWh will be shown on the App.

Metering Accuracy +/-5%

Other Parameters like Voltage (RMS), Current (RMS),

Power Factor,

Mean Active Power,

Mean Reactive Power,

Frequency,

Phase angle between voltage &

Current can also be monitored through App.

### DATA LOG SAFETY/ASSURANCE

System can detect the main AC input power failure.

In case of abrupt removal of charging cable, system should immediately detect and save the data.

### BLE COMMUNICATION FOR MOBILE APPS CONNECTIVITY

BLE version 4.2 onwards compatible for Android and iOS Mobile Apps.

App & Outlet Connection established by authentication method.

Outlet is controlled using mobile app commands over BLE.

### PRODUCT DIMENSION

LxWxH: 95x123x210mm (Approx.)

### AUTO RE-START

Auto restart the EV Socket function when power resumes from OFF. Last session will be restored.

### CYBER SECURITY

All the communications between Outlet & Apps and local data is secured using encryption methods.