Palas Self Service System with payment acceptance for EV charging stations (AC 3.3Kw)

PALAS
ISO9001-2015; ISO14001-2015

Palas Self Service Systems (PSSS) have:

- Large touchscreen displays, informative, easy-to-use; show attractive advertisements while charging
- Integrated payment acceptance system—debit/credit cards, e-wallets
- 16A sockets, energised for specified duration only on successful payments. Optional - for specified power consumption
- Embedded Win 10 (ioT) for easy integration with advertisements and other applications
- Energy meter
- Reports– daily/monthly usage data & analytics.
- Remote health management
- QR scanner - scan a movie ticket or store bill and get free charging
- Optional : systems for AC Fast (normally AC Slow is recommended, as most vehicles charge up to 80% within 2 hours)
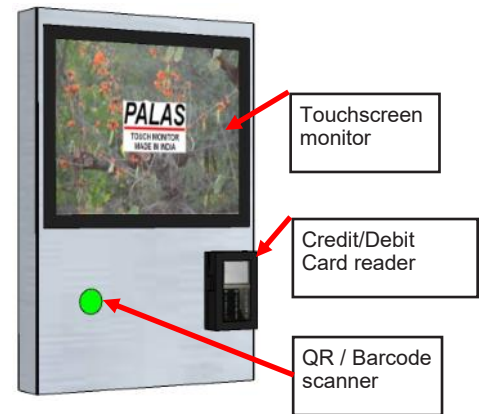
Ideal for

- EV Charging Stations in Parking Garages in Malls, Office/Residential buildings;
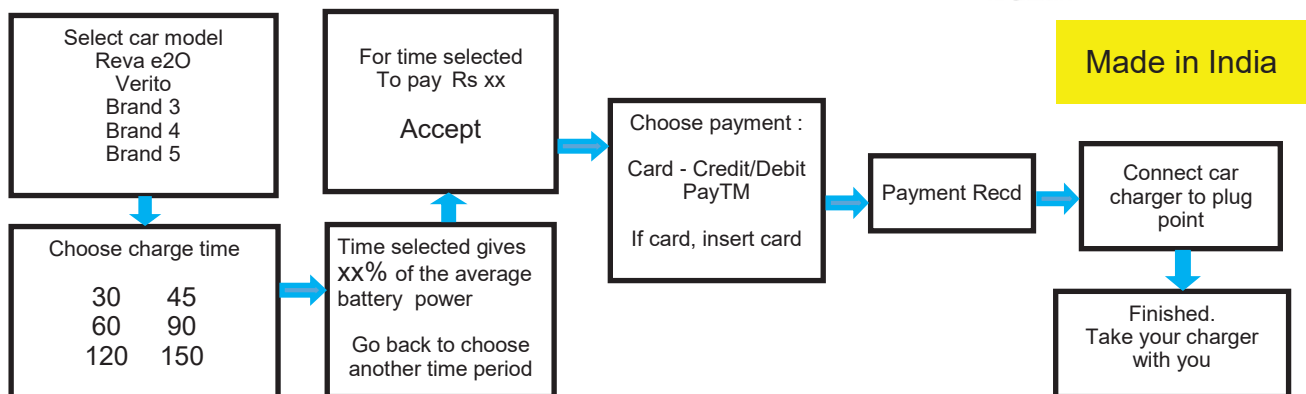- Commodity dispensers

EV CHARGING STATIONS

- Touch the large touchscreen to choose the time-duration for charging—eg 30 / 45 / 60 /90 /120 minutes
- Estimates are displayed on the large touchscreen, showing, for some popular cars, approximate percentage of battery charging that can be done in the chosen minutes
- The amount for the duration selected is shown on the screen, touch to confirm
- Select the payment method—debit/credit card or an e-wallet
- If card, insert card, and enter pin on the secure pinpad
- If e-wallet, enter mobile number, select pay, and enter pin on mobile to complete transaction
- Successful payment energises the 220VAC 16A socket
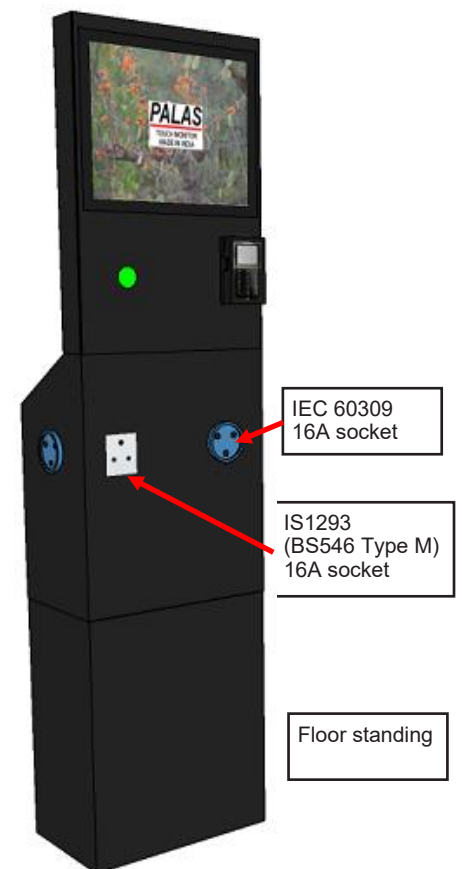
Included in the system are:

- Touchscreen display— standard 43cm (17"); optional from 10" to 65"
- Payment system - Accepts credit/debit cards, e-wallet.
- 16A sockets for users to connect their own cables
- Embedded Win 10 (ioT) for easy integration with advertisements and other applications or devices

Touchscreen monitor

Credit/Debit Card reader

QR / Barcode scanner

IEC 60309 16A socket

IS1293 (BS546 Type M) 16A socket

Floor standing

| Select car model Reva e2O Verito Brand 3 Brand 4 Brand 5 | For time selected To pay Rs xx Accept | Choose payment : Card - Credit/Debit PayTM If card, insert card | Payment Recd | Connect car charger to plug point |

Made in India

Choose charge time

30   45
60   90
120   150

Time selected gives xx% of the average battery power Go back to choose another time period

Finished. Take your charger with you

	Models	170BCCM-SO-RO-EV 170BCCM-SO-QR-RO-EV	270BCCM-SO-RO-EV 270BCCM-SO-QR-RO-EV	320BCCM-SO-RO-EV 320BCCM-SO-QR-RO-EV
Display	View area diagonal	43cm (17")	68cm (27"W)	80cm (31.5"W)
	Format	5:4	16:9	16:9
	Display View Area (mm)	338 x 270	597 x x336	697 X 392
	Brightness (cd/m²)	Standard : 250 ; Optional up to 2000		
	Resolution	1280 x1024	1920x1080	1920x1080
Touch Screen	Type	3M Capacitive		
	Surface Obstruction	Not affected by surface contaminants like dust, grease, moisture, liquids, paan stains		
Processor	Operating System	Standard Win 10 (ioT) Embedded		
	Processor	Standard Celeron;		
	Memory	HDD - 120GB SSD ; RAM - 4GB		
Card Reader	Credit / Debit Cards	IC Chip Card -ISO/IEC7810; in-built pinpad; contactless wave & pay Accepts VISA, Master Card, Maestro Cards, RuPay; options for e-wallets		
Scanner	Optional: Type	Optional, available in models numbers ending with QR; 1D / 2D Imager, Reads Linear, 2D Matrix, QR codes from paper prints or Mobile phone screens		
Charging	Sockets	AC Slow; Energised only on instruction from PSSS software logic Standard: 220VAC 16A; 1 x 3 pin socket, (IS1293 - BS547 Type M); 1 x 3 pin IEC60309; Optional : IEC 62196 63A for AC Fast Systems		
Charging	Cables	Customer to use own cables; optional system with in-built cable options A,B,C Standard connector : IEC60309 ; Optional : IEC62196 (for AC Fast systems)		
Environment	Temp rating IP	0 to 50º C Standard IP53 models are for indoor; optional IP54- for outdoor use		
Dimension approx	(WxDxH) (mm) wall mount	400x250x600	400x250x900	470x250x1000 mm
	Floor mount	400x250x1600	400x250x1600	470x250x1800 mm
Others	Power (W)	Standard 220VAC ; optional 3 phase 415VAC for AC Fast		
	Made in	India		

Other display sizes available from 10" to 65"

Wall mountable

Palas manufactures in India:
• Touchscreen monitors, Touch All-in-ones
• Industrial Touch Panel PCs, Rugged touch systems
• POS systems
• Smart Card Readers for ATMs, Kiosks, Vending
• Interactive Digital Signage Systems for Malls, Factories, Buildings

Palas is the Master Distributor in South Asia for:
• Touch Screens from 3M Touch Systems, USA
• Motorized & Dip Smart Card Readers from Sankyo, Japan

Palas is an IIT / IIM alumnus enterprise