Empowering Future

POTENTIAL PACKARD

E-Vehicle Chargers,
DC to DC Converters &
Motor Controllers

Innovation & Quality
for better performance

EV BATTERY CHARGERS

Potential Packard PE1 Series Charger

Output Voltage
6V to 15V

Output Current
1 Amp. Max

Max. Wattage
15 W

Potential Packard EB9 Series Charger

Output Voltage
48V to 74V

Output Current
20 Amp. Max

Max. Wattage
1200W

Potential Packard EA7 Series Charger

Output Voltage
30V to 48V

Output Current
2 Amp. Max

Max. Wattage
85 W

Potential Packard ECA Series Charger

Output Voltage
48V to 74V

Output Current
20 Amp. Max

Max. Wattage
1500 W

Potential Packard EB8 Series Charger

Output Voltage
24V to 74V

Output Current
6 Amp. Max

Max. Wattage
350 W

Specifications

Input Voltage
230 V AC, 50Hz

Battery Supported Type
Lead Acid / Li-ion / LiFePO4

Charging Operating Temp
10° C to 50° C

Cabinet
ABS / Aluminium Extrusion

Mains Lead Type
Two / Three Cores with 2 / 3 Pins Plug as per model.

DC Lead
Two Cores, Copper Conductors Customizable Output Connector

Protection
Surge, Short Circuit, Reverse Polarity, Over Load

Indicators
Power ON, Battery Charging Status, Battery Full Charge, Optional Battery Charging Percentage

Special Feature
Natural / Forced Cooling

Optional Features
CAN Compatible, Electric Shock Preventer

DC TO DC CONVERTERS

Potential Packard DC To DC Converter 1205

Input Voltage
24 V DC

Output Voltage
12V ± 0.5V

Max. Current
5 Amp

Potential Packard DC To DC Converter 1210

Input Voltage
36/ 48/ 60/ 72 V DC

Output Voltage
12V ± 0.5V

Max. Current
10 Amp.

Potential Packard DC To DC Converter 1215

Input Voltage
36/ 48/ 60/ 72 V DC

Output Voltage
12V ± 0.5V

Max. Current
15 Amp.

Potential Packard DC To DC Converter 1220

Input Voltage
36/ 48/ 60/ 72 V DC

Output Voltage
1 Amp. Max

Max. Current
20 W

Specifications

Output Short Circuit
Protected

Efficiency
>85% Typical at Full Load

Insulation
IP64

Isolation
Non-Isolated

Load Regulation
±5%

Operating Ambient Temp
-20 C to +60 C

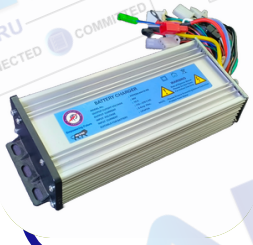
Encouraged by "Make in India" initiative of the Government of India to promote local innovation in technology and reducing import dependency POTENTIAL PACKARD has Designed Hardware & Software in-house considering wide range of climatic & environmental conditions and variety of behavioural practices followed by different age group of users.

MOTOR CONTROLLERS

Brushless DC Motor Controller MC250

Input Voltage
24 V DC

Current
20 Amp. Max



Brushless DC Motor Controller MC500/ 800/ 1000/ 1500

Input Voltage
48/ 60/ 75 V DC

Current
35 Amp. Max

Specifications

Suitable Battery Type
Lead Acid/ SMF/ Li-ion / Li FePO4

Input Voltage
24/ 25.5/ 48/ 60/ 75V DC

Cabinet/ Casing
Aluminium Extrusion

Power Rating nominal
250/ 500/ 800/ 1000/ 1500 W

Motor Compatibility
Hub/ BLDC-60^0/ BLDC-120^0

State-of- Art Technology

Potential Packard products Delights Consumers by offering Efficient, Intelligent, and Environmentally conscious solutions for all types of Electric Vehicles like Bicycles, Tricycles, Scooty, Motorcycles, E-rickshaws, Loaders etc. The products are Durable, User-Friendly, Reliable for enhanced responsive riding experience.

Manufactured By:
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