



**POWERTRON**  
**INDIA PVT LTD**



**ReGenSeries**

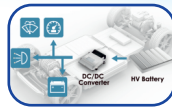
# BI-DIRECTIONAL PROGRAMMABLE DC POWER SUPPLY



**ELECTRIC VEHICLE  
MOTOR TESTING**



**EV POWERTRAIN  
TESTING**



**ELECTRIC VEHICLE  
DCDC TEST**



**SOLAR**



**HYBRID VEHICLE  
GENERATOR TESTING**



**COMPLETE  
VEHICLE TESTING**



**GRID TIE  
INVERTER TESTING**

## Features

- INTEGRATED DC SOURCE & REGENERATIVE
- AUTO VOLTAGE COMPENSATION DETECTION
- BI-DIRECTIONAL ENERGY FLOW ACROSS FULL POWER RANGE
- PROTOCOLS : MODBUS:RTU, CAN 2.0B MODBUS-TCP
- BUILT-IN BATTERY SIMULATOR WITH INTERNAL RESISTANCE MODE
- SIMULATED LiFePO<sub>4</sub>/ NMC BATTERY CURVES VIA POWERTRON SOFTWARE
- MASTER SLAVE FUNCTION WITH AUTONOMOUS CURRENT SHARING PARALLEL OPERATION
- ARBITRARY WAVEFORM GENERATOR WITH MULTI-CURVE CYCLES
- COMPATIBLE WITH 3-PHASE 380V, 400V, 480V GRIDS
- SUPPORTS INTERNATIONAL TEST STANDARDS ISO167506750-2, LV123, LV24, SAR J1113-11

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| Model no.             | V     | A    | Power | Size |
|-----------------------|-------|------|-------|------|
| PIPL-005-100-170A-BDP | 100V  | 170A | 5kW   | 3U   |
| PIPL-010-100-340A-BDP |       | 340A | 10kW  | 3U   |
| PIPL-015-100-510A-BDP |       | 510A | 15kW  | 3U   |
| PIPL-007-330-75A-BDP  | 330V  | 75A  | 7kW   | 3U   |
| PIPL-014-330-150A-BDP |       | 150A | 14kW  | 3U   |
| PIPL-021-330-225A-BDP |       | 225A | 21kW  | 3U   |
| PIPL-005-500-40A-BDP  | 500V  | 40A  | 5kW   | 3U   |
| PIPL-010-500-80A-BDP  |       | 80A  | 10kW  | 3U   |
| PIPL-015-500-120A-BDP |       | 120A | 15kW  | 3U   |
| PIPL-007-500-40A-BDP  |       | 40A  | 7kW   | 3U   |
| PIPL-014-500-80A-BDP  |       | 80A  | 14kW  | 3U   |
| PIPL-021-500-120A-BDP |       | 120A | 21kW  | 3U   |
| PIPL-007-750-25A-BDP  | 750V  | 25A  | 7kW   | 3U   |
| PIPL-014-750-50A-BDP  |       | 50A  | 14kW  | 3U   |
| PIPL-021-750-75A-BDP  |       | 75A  | 21kW  | 3U   |
| PIPL-010-1000-40A-BDP | 1000V | 40A  | 10kW  | 3U   |
| PIPL-014-1000-40A-BDP |       | 40A  | 14kW  | 3U   |
| PIPL-021-1000-75A-BDP |       | 75A  | 21kW  | 3U   |
| PIPL-015-1500-40A-BDP | 1500v | 40A  | 15kW  | 3U   |
| PIPL-021-1500-40A-BDP |       | 40A  | 21kW  | 3U   |
| PIPL-030-1500-80A-BDP |       | 80A  | 30kW  | 3U   |