



**SUPER RELIABLE
BATTERY
CHARGING/DISCHARGING
SOLUTIONS**

IGBT Based Industrial Battery Charger/ Discharger

TECHNICAL SPECIFICATIONS

Key Features	<ul style="list-style-type: none"> ● HMI Touch Screen Panel / LCD Panel ● Data Logger with VAH Calculator ● Inbuilt Thermal Printer (Optional) ● User Programmable Pre Loaded 16 Types of Files 		
	PRODUCT DETAILS		
Model	PTBC - 610	PTBC - 120	PTBC - 225
Series	1P	3P	3P
Rating	Upto 50Amps. (As per Customer Requirement)	Upto 100Amps. (As per Customer Requirement)	Upto 50Amps. (As per Customer Requirement)
Charger Output Voltage	48V DC - 110V DC (As per Customer Requirement)	110V DC - 220V DC	220V DC - 425V DC
Input Range	180V AC to 270V AC	415V AC +/- 15% (4 wires)	415V AC +/- 15% (4 wires)
Frequency	50Hz +/- 10Hz	50Hz +/- 6Hz	50Hz +/- 6Hz
Controls & Indications	Switch - Charger ON, OFF, Enter, Escape, UP, Down, Mains ON, Boost, Float, CCCV	Switch - Charger ON, OFF, Enter, Escape, UP, Down, Mains ON, Boost, Float, CCCV	Switch - Charger ON, OFF, Enter, Escape, UP, Down, Mains ON, Boost, Float, CCCV
LCD Display / HMI Touch Panel	DC Voltage, Charging Current, Input Voltage, Charging Time	DC Voltage, Charging Current, Input Voltage, Charging Time	DC Voltage, Charging Current, Input Voltage, Charging Time
Protections	Automatic Electronic Trip and High Speed Pulse Inhibition Under fault conditions such as Phase failure, Wrong Phase sequence, Short Circuit, Charger Voltage feedback failure, Charger current limit, Charger Overload, Charger DC output over Voltage and Under Voltage	Automatic Electronic Trip and High Speed Pulse Inhibition Under fault conditions such as Phase failure, Wrong Phase sequence, Short Circuit, Charger Voltage feedback failure, Charger current limit, Charger Overload, Charger DC output over Voltage and Under Voltage	Automatic Electronic Trip and High Speed Pulse Inhibition Under fault conditions such as Phase failure, Wrong Phase sequence, Short Circuit, Charger Voltage feedback failure, Charger current limit, Charger Overload, Charger DC output over Voltage and Under Voltage
Operating Temperature	Operation (0°C to 50°C) & Storage (-10°C to 65°C)	Operation (0°C to 50°C) & Storage (-10°C to 65°C)	Operation (0°C to 50°C) & Storage (-10°C to 65°C)

Works: Plot No-R-24A, Gali No.11, Anand Parbat Indl. Area, New Delhi-110005
Regd. Office: RZF-2/89, Gali No. 4, Mahavir Enclave, Palam, New Delhi-110045
E-mail: info@powertekelectronics.net | powertekelectronics2k@gmail.com
Contact: +91-9810232390 | +91-9212374339 **Web:** www.powertekelectronics.net