

PITE 3970 Battery Charger



PITE 3970 adapts the third generation high-power switch model and state-of-art technique of soft-off. Thanks to its high efficiency and reliability, it is now widely applied in different areas like telecom and power utility for all standby battery strings.

Feature

- High output power with light weight
- Ventilation channel and circuit with dustproof structure
- Accurate display for output voltage, current and other working status on LCD screen
- Build-in CPU, automated management for battery charging
- Auto calculation for changed time and changed capacity
- Auto transforming from equalized charging to float charge
- It could be combined with extra units for higher output power
- Could be used as backup power in case of DC charge malfunction

- Versatile configuration for different applications in battery maintenance
- Over-voltage protection and undervoltage warning function
- Thermal protection, auto stop in overheating and auto start in normal temperature

Model	Output	Dimension	Weight
P22040	220V, 40A	590x397x131mm	29.5 Kg
P11050	110V, 50A	590x397x131mm	29.5 Kg

Far more models like 48V and 380V are available upon request.

Parameter

Temperature: -10°C ~ 40°C (working)

-25°C ~ 55°C (storage)

Altitude: <2000 M

Humidity: <95% (daily), <90% (monthly)

Input volt: sinusoidal wave, -15%norm~20%norm

Input Hz: 45Hz~55Hz

Input Range	Index
	P22040 & P11050
Input voltage	380V (-15%, +20%) 3P 3W
Input Frequency	50Hz±10%
Input current	25A
Power factor	0.93 (Full load)
Overall efficiency	93% (Full load)

Output Range	Index	
	P1150	P2240
Output nom voltage	110V	220V
Voltage range	20 V~150 V	40 V~300 V
Output nom current	50A	40A
Current limit	0~105% nom output current	0~105% nom output current
Volt-stabilization accuracy	±0.2%	±0.2%
Current-stabilization accuracy	±0.2%	±0.2%
Ripple coefficient	±0.05 (rms) ±0.2% (peak)	±0.05% (rms) ±0.2% (peak)
Soft start time	3~8s	3~8s

Contact PITE

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