



Technical Data 5KVA/48VDC SOLAR PCU

Mains Mode

A/C Input Voltage	INV(120V-260V),UPS(180V-260V)
A/C Input Current	32 Apms Maximum
A/C Input Frequency	48Hz - 51Hz

Inverter Mode

DC Voltage	48V DC (40V - 58V)
A/C Out Put Voltage	220V/230V
A/C Out Put current	22 Amps
A/C Out Put Power	5000 Watts
A/C Out Put Wave Form	Sine Wave
Power Factor	0.8 to unity

Features

Display (Solar Parameters)	Solar current, Battery Voltage, Total Solar Power Harnested, Unit generated. Daily Unit generated, Mains charger ON/OFF, TOD Facility
Display (Inverter Parameters)	Input A/C Voltage, Output Voltage, Battery Charging Current, Load Percentage,

Additional Features

Remote Access (Solar Parameters) OPTIONAL	Solar current, Battery Voltage, Total Solar Power Harnested, Unit generated. Daily Unit generated, Mains charger ON/OFF, TOD Facility
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Protections

Input	MCB (32 Amps)
Inverter Mode	Short circuit (Electronic) Over load (Electronic)

Solar Charger

PWM/ZERO DROP/MPPT