SPECIFICATION

Capacity ARROW MODE WIDE MODE Mains undervoltage cutoff /recovery 260 V / 255 V 280 V / 275 V Output voltage (no load) 220 ± 5 V Changeover time ≤ 10 mill sec ≤ 50 mill sec BATTERY Quick charge current 15± 2A Normal charge current 15± 2A Boost charge voltage 14 W/Batt Float charge voltage 13 S/V Batt Low battery cutoff poin 10 A/V Batt Unumber of batteries 4 *12 V DC Recommended battery 100 AH to 200 AH Charge method Constant current, followed by constant voltage Output frequency (UPS mode) 50 HZ Efficiency 80% Operation temperature 10 to 50°C LO indicators Mains, charging, UPS, low battery, overload, Short circuit Audible alarm Low battery, Overload, Short circuit Overload 105% [load on UPS (auto reset within 5 re-tries) Overload 105% [load on UPS (auto reset within 5 re-tries) Overload 105% [load on UPS (auto reset within 5 re-tries) Overload	MODEL NUMBER	FA-INV-48V-2500VA	
Mains undervoltage cutoff /recovery 180 V / 190 V 100 V / 110 V Mains overvoltage cutoff /recovery 260 V / 255 V 280 V / 275 V Output voltage (no load) 220 15 V BATTERY Quick charge current BATTERY Quick charge current 15±2 A Normal charge current 15±2 A Boost charge voltage 14 V/Batt Float charge voltage 13.66/Batt Low battery cutoff point 10.44/Batt Number of batteries 4 *12 V C Recommended battery 100 AH to 200 AH Charge method Constant current, followed by constant voltage Output waveform Pure sine wave Output frequency (UPS mode) 50 HZ Efficiency 280% Operation temperature 0 to 50°C LCD indicators Mains, charging, UPS, low battery, overload, short circuit Audible alarm Low battery, overload, short circuit PROTECTIONS Overcharge Current and voltage charge controller Short circuit Shut down (UPS mode), MCB trip	Capacity	2500VA	
Mains overvoltage cutoff /recovery 260 V / 255 V 280 V / 275 V Output voltage (no load) 220± 5 V Changeover time \$ 10 mill sec ≤ 50 mill sec BATTEKY Quick charge current 15±2 A Normal charge current 15±2 A Boost charge voltage 14 V/Batt Float charge voltage 13.6 V/Batt Low battery cutoff point 10.4 V/Batt Number of batteries 4 * 12 VDC Recommended battery 100 AH to 200 AH Charge method Constant current, followed by constant voltage Output waveform Pure sine wave Output frequency (UPS mode) 50 HZ Efficiency 280% Operation temperature 0 to 50°C LCD indicators Mains, charging, UPS, low battery, overload, short circuit Audible alarm Low battery, Overload, short circuit Overcharge Current and voltage charge controller Short circuit 5 Mut down (UPS mode), MCB trip (AC mode) Thermal 5 Shut down at 93°C Battery reverse polarity Current and voltage charge cont		NARROW MODE	WIDE MODE
Output voltage (no load) 220 ± 5 V Changeover time ≤ 10 mill sec ≤ 50 mill sec BATTERY Quick charge current I 5±2A Normal charge current I 44/Batt Boost charge voltage 1 41/Batt Float charge voltage 1 3.6/Jeatt Low battery cutoff point 10.4V/Batt Number of batteries 4 *12 VDC Recommended battery 100 AH to 200 AH Charge method Constant current, followed by constant voltage Output frequency (UPS mode) 50 HZ Efficiency 280% Operation temperature 0 to 50°C LCD indicators Mains, charging, UPS, low battery, overload, short circuit Audible alarm Low battery, Overload, short circuit Overload 105% load on UPS (also reset within 5 re-tries) Overload 105% load on UPS (also reset within 5 re-tries) Overload 105% load on UPS (mode), MCB trip (AC mode) Short circuit Shut down (UPS mode), MCB trip (AC mode) Thermal Shut down at 93°C Battery leverse polarity D	Mains undervoltage cutoff /recovery	180 V / 190 V	100 V / 110 V
4 10 mill isec € 50 mill isec BATTERY Quick charge current 15±2A Normal charge current 14 // Batt Boost charge voltage 14 // Batt Low battery cutoff point 10.4 // Batt Number of batteries 4 *12 VDC Recommended battery 100 AH to 200 AH Charge method Constant current, followed by constant voltage Output maveform Pure sine wave Output frequency (UPS mode) 50 HZ Efficiency 880% Operation temperature 0 to 50°C LCD indicators Mains, charging, UPS, low battery, overload, Short circuit Audible alarm Low battery, Overload, short circuit Overload 105% load on UPS (auto reset within 5 re-tries) Overcharge Current and voltage charge controller Short circuit Shut down (UPS mode), MCB trip (AC mode) Thermal shut down at 93°C Battery reverse polarity DC fuse on PMB will fail when battery terminals connected wrongly Battery level deep discharge Curdoff at 10.4V battery level PACKIN	Mains overvoltage cutoff /recovery	260 V / 255 V	280 V / 275 V
Quick charge current Normal charge current Boost charge voltage 144//Batt Float charge voltage 13.64//Batt Low battery cutoff point 10.44//Batt Number of batteries Recommended battery 100 AH to 200 AH Charge method Constant current, followed by constant voltage Output waveform Pure sine wave Output frequency (UPS mode) Efficiency Session Operation temperature Output diactors Amins, charging, UPS, low battery, overload, Short circuit Audible alarm Low battery, overload, Short circuit PROTECTIONS Overload 105% load on UPS (auto reset within 5 re-tries) Overcharge Current and voltage charge controller Short circuit Shut down (UPS mode), MCB trip (AC mode) Thermal S	Output voltage (no load)	220± 5 V	
Quick charge current Normal charge current Boost charge voltage 14V/Batt Float charge voltage 13.6V/Batt Low battery cutoff point 10.4V/Batt Number of batteries 4 *12VDC Recommended battery 100 AH to 200 AH Charge method Constant current, followed by constant voltage Output waveform Pure sine wave Output frequency (UPS mode) 50 HZ Efficiency \$80% Operation temperature 0 to 50°C LCD indicators Mains, charging, UPS, low battery, overload, short circuit Audible alarm Low battery, Overload, short circuit Overload 105% load on UPS (auto reset within 5 re-tries) Overload 105% load on UPS (auto reset within 5 re-tries) Overloare Current and voltage charge controller Short circuit Shut down (UPS mode), MCB trip (AC mode) Thermal Shut down (UPS mode), MCB trip (AC mode) Battery reverse polarity DC fuse on PMB will fail when battery terminals connected wrongly Battery reverse polarity Cutofria to.4V battery level Quantity 1 piece Net weight 29 kg Dimensions 31.0 x 29.0 x 45.0 cm Gross weight 19.0 kg	Changeover time	≤ 10 mili sec	≤ 50 mili sec
Normal charge current Boost charge voltage 14V/Batt Float charge voltage 13.6V/Batt Low battery cutoff point 10.4V/Batt Number of batteries 4*12VDC Recommended battery 100 AH to 200 AH Charge method Constant current, followed by constant voltage Output waveform Pure sine wave Output frequency (UPS mode) 50 HZ Efficiency 880% Operation temperature 0to 50°C LCD indicators Mains, charging, UPS, low battery, overload, short circuit Audible alarm Low battery, Overload, short circuit PROTECTIONS Overload 105% load on UPS (auto reset within 5 re-tries) Overload 105% load on UPS (auto reset within 5 re-tries) Overload Shut down (UPS mode), MCB trip (AC mode) Thermal Shut down at 93°C Battery reverse polarity DC fuse on PMB will fail when battery terminals connected wrongly Battery reverse polarity 10 C fuse on PMB will sall when battery terminals connected wrongly Battery deep discharge Cutoff at 10.4V battery level PACKING INFORMATION Quantity 1 piece Net weight 29 kg Dimensions 31.0 x 29.0 x 45.0 cm Gross weight 19.0 kg		BATTERY	
Bost charge voltage 14V/Batt Float charge voltage 13.6V/Batt Low battery cutoff point 10.4V/Batt Number of batteries 4*12VDC Recommended battery 100 AH to 200 AH Charge method Constant current, Followed by constant voltage Output waveform Pure sine wave Output frequency (UPS mode) 50 HZ Efficiency 80% Operation temperature 0 to 50°C LCD indicators Mains, charging, UPS, low battery, overload, Short circuit PRTECTIONS Overload 105% load on UPS (auto reset within 5 re-tries) Overcharge Current and voltage charge controller Short circuit Shut down (UPS mode), MCB trip (AC mode) Thermal \$1 but down at 93°C Battery reverse polarity DC fuse on PMB will fail when battery terminals connected wrongly Battery gedep discharge Cutoff at 10.4V battery level Quantity 1 piece Net weight 29 kg Dimensions 310.×29.0 x 45.0 cm Gross weight 19.0 kg	Quick charge current	15±2A	
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Number of batteries 4 *12 VDC Recommended battery 100 AH to 200 AH Charge method Constant current, followed by constant voltage Output waveform Pure sine wave Output frequency (UPS mode) 50 HZ Efficiency ≥80% Operation temperature 0 to 50°C LCD indicators Mains, charging, UPS, low battery, overload, Short circuit Audible alarm Low battery, Overload, short circuit PROTECTIONS Overload 105% load on UPS (auto reset within 5 re-tries) Overcharge Current and voltage charge controller Short circuit Shut down (UPS mode), MCB trip (AC mode) Thermal shut down at 93°C Battery reverse polarity DC fuse on PMB will fail when battery terminals connected wrongly Battery deep discharge Cutoff at 10.4V battery level PACKING INFORMATION Quantity 1 piece Net weight 29 kg Dimensions 31.0 x 29.0 x 45.0 cm Gross weight 19.0 kg	Float charge voltage	13.6V/Batt	
Recommended battery 100 AH to 200 AH Charge method Constant current, followed by constant voltage Output waveform Pure sine wave Output frequency (UPS mode) 50 HZ Efficiency ≥80% Operation temperature 0 to 50°C LCD indicators Mains, charging, UPS, low battery, overload, Short circuit Audible alarm Low battery, Overload, Short circuit PROTECTIONS Overload 105% load on UPS (auto reset within 5 re-tries) Overcharge Current and voltage charge controller Short circuit Shut down (UPS mode), MCB trip (AC mode) Thermal shut down at 93°C Battery reverse polarity DC fuse on PMB will fail when battery terminals connected wrongly Battery deep discharge Cutoff at 10.4V battery level PACKING INFORMATION Quantity 1 piece Net weight 29 kg Dimensions 31.0 x 29.0 x 45.0 cm Gross weight 19.0 kg	Low battery cutoff point	10.4V/Batt	
Charge method Constant current, followed by constant voltage Output waveform Pure sine wave Output frequency (UPS mode) 50 HZ Efficiency ≥80% Operation temperature 0 to 50°C LCD indicators Mains,charging,UPS,low battery, overload, Short circuit Audible alarm Low battery, Overload, short circuit PROTECTIONS Overload 105% load on UPS (auto reset within 5 re-tries) Overcharge Current and voltage charge controller Short circuit Shut down (UPS mode), MCB trip (AC mode) Thermal shut down at 93°C Battery reverse polarity DC fuse on PMB will fail when battery terminals connected wrongly Battery deep discharge Quoff at 10.4V battery level PACKING INFORMATION Quantity 1 piece Net weight 29 kg Dimensions 31.0 x 29.0 x 45.0 cm Gross weight 19.0 kg	Number of batteries	4 *12VDC	
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Efficiency ≥80% Operation temperature 0 to 50°C LCD indicators Mains,charging,UPS,low battery, overload,Short circuit Audible alarm Low battery,Overload,Short circuit PROTECTIONS Overload 105% load on UPS (auto reset within 5 re-tries) Overcharge Current and voltage charge controller Short circuit Shut down (UPS mode),MCB trip (AC mode) Thermal shut down at 93°C Battery reverse polarity DC fuse on PMB will fail when battery terminals connected wrongly Battery deep discharge Cutoff at 10.4V battery level PACKING INFORMATION Quantity 1 piece Net weight 29 kg Dimensions 31.0 x 29.0 x 45.0 cm Gross weight 19.0 kg	Output waveform	Pure sine wave	
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LCD indicatorsMains,charging,UPS,low battery, overload, Short circuitAudible alarmLow battery,Overload, short circuitPROTECTIONSOverload105% load on UPS (auto reset within 5 re-tries)OverchargeCurrent and voltage charge controllerShort circuitShut down (UPS mode), MCB trip (AC mode)Thermalshut down at 93°CBattery reverse polarityDC fuse on PMB will fail when battery terminals connected wronglyBattery deep dischargeCutoff at 10.4V battery levelQuantity1 pieceNet weight29 kgDimensions31.0 x 29.0 x 45.0 cmGross weight19.0 kg	Efficiency	≥80%	
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PROTECTIONSOverload105% load on UPS (auto reset within 5 re-tries)OverchargeCurrent and voltage charge controllerShort circuitShut down (UPS mode), MCB trip (AC mode)Thermalshut down at 93°CBattery reverse polarityDC fuse on PMB will fail when battery terminals connected wronglyBattery deep dischargeCutoff at 10.4V battery levelQuantity1 pieceNet weight29 kgDimensions31.0 x 29.0 x 45.0 cmGross weight19.0 kg	LCD indicators	Mains, charging, UPS, low battery, overload, Short circuit	
Overload 105% load on UPS (auto reset within 5 re-tries) Overcharge Current and voltage charge controller Short circuit Shut down (UPS mode), MCB trip (AC mode) Thermal shut down at 93°C Battery reverse polarity DC fuse on PMB will fail when battery terminals connected wrongly Battery deep discharge Cutoff at 10.4V battery level PACKING INFORMATION Quantity 1 piece Net weight 29 kg Dimensions 31.0 x 29.0 x 45.0 cm Gross weight 19.0 kg	Audible alarm	Low battery,Overload,short circuit	
OverchargeCurrent and voltage charge controllerShort circuitShut down (UPS mode), MCB trip (AC mode)Thermalshut down at 93°CBattery reverse polarityDC fuse on PMB will fail when battery terminals connected wronglyBattery deep dischargeCutoff at 10.4V battery levelPACKING INFORMATIONQuantity1 pieceNet weight29 kgDimensions31.0 x 29.0 x 45.0 cmGross weight19.0 kg		PROTECTIONS	
Short circuit Shut down (UPS mode), MCB trip (AC mode) Thermal shut down at 93°C Battery reverse polarity DC fuse on PMB will fail when battery terminals connected wrongly Battery deep discharge Cutoff at 10.4V battery level PACKING INFORMATION Quantity 1 piece Net weight 29 kg Dimensions 31.0 x 29.0 x 45.0 cm Gross weight 19.0 kg	Overload	105% load on UPS (auto reset within 5 re-tries)	
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Battery reverse polarity DC fuse on PMB will fail when battery terminals connected wrongly Cutoff at 10.4V battery level PACKING INFORMATION Quantity 1 piece Net weight 29 kg Dimensions 31.0 × 29.0 × 45.0 cm Gross weight 19.0 kg	Short circuit	Shut down (UPS mode),MCB trip (AC mode)	
Battery deep discharge Cutoff at 10.4V battery level PACKING INFORMATION Quantity 1 piece Net weight 29 kg Dimensions 31.0 x 29.0 x 45.0 cm Gross weight 19.0 kg	Thermal	shut down at 93°C	
PACKING INFORMATIONQuantity1 pieceNet weight29 kgDimensions31.0 x 29.0 x 45.0 cmGross weight19.0 kg	Battery reverse polarity	DC fuse on PMB will fail when battery terminals connected wrongly	
Quantity1 pieceNet weight29 kgDimensions31.0 x 29.0 x 45.0 cmGross weight19.0 kg	Battery deep discharge	Cutoff at 10.4V battery level	
Net weight 29 kg Dimensions 31.0 x 29.0 x 45.0 cm Gross weight 19.0 kg		PACKING INFORMATION	
Dimensions 31.0 x 29.0 x 45.0 cm Gross weight 19.0 kg	Quantity	1 piece	
Gross weight 19.0 kg	Net weight	29 kg	
-	Dimensions	31.0 x 29.0 x 45.0 cm	
Dimensions 58.0 x 44.0 x 27.0 cm	Gross weight	19.0 kg	
	Dimensions	58.0 x 44.0 x 27.0 cm	





Technology for instant changeover between power and battery and vice-versa



FARBER-CHARGER™

Quick charge / normal charge options



FARBER-TECHTOR™

Technology protects against overload



FARBER-TECHTOR™

Technology protects against reverse polarity

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