

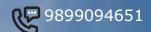






☑ Globalelectricvehiclescompany@gmail.com





TECHNICAL SPECIFICATION

SMPS Charger	48V/3A
Topology	Flyback Topology
Control	Controller
AC Input	
AC Input Voltage - range	170V - 300 VAC
AC Input Voltage - nominal	230 VAC
AC Input Frequency	50Hz
AC Input Current - Nominal	1.6 A
Connection Type	FR Grade 3 core AC Input lead with AC plug
DC Output	
Battery Type	EV SMF, Lead Acid
Battery Capacity	20AH-30AH
Nominal Battery Voltage	48VDC
DC Output Current	3A ± 0.5A
Connection Type	3 Pin Computer socket with 2 core cable (Output)
Protections	
Output overload	Current limit by internal circuit
Output short circuit	Protected by internal circuit
Battery reverse	Protected by DC fuse
Cooling	FAN COOL
LED Indications	
Output Charging Status	25%, 50%, 75%, 100%
Fault	Red
Environmental	
Operating Temperature	0°C to +50°C
Altitude	upto 2000m
Storage Temperature	-10°C to +60°C
Physical	
Dimensions (LXWXH)	150MM X 90MM X 60MM

- Office: #2, Street No 3, 12 Biswa, Behind Bharat Petrol Pump, Sector-5, Sheetla Mata Mandir Road, Gurugram-122001 Haryana
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E-Rickshaw BATTERY CHARGER

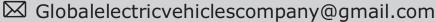














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- Robust Cabinet With Robust Anderson Con.
 Intelligent Fast Charging
- SMPS based fully automatic.
- 4 Stage Charging Profile
- O Digital Control Circuit with powerful Micro Controller.
- Rejuvenate Battery by Pulse Charging

BATTERY CHARGER NPFC PRO	48V-16A	48V-18A	60V-15A	
AC Input	A control of the cont	Section 2	1 1000 0000	
AC Input Voltage - range	170 - 280 VAC			
AC Input Voltage - nominal	230 VAC			
Output current derating voltage	<180 VAC			
AC Input Frequency	50Hz ± 3Hz			
AC Input Current - nominal	6.6A	8.4A	8.6A	
Switching Frequency	50 kHz	Al.	To.	
Topology	Half - Bridge			
Connection Type	1.25 meter leng	th with 3 core, 3pin-A	C plug	
DC Output	= =	-	= =	
DC Output Voltage (VDC)	64.0 - 65.0	W.	81.0	
DC Output Current	16A±0.5A	18A ± 0.4A	15A±0.5A	
Peak Efficiency	88%			
DC Output Line & Load Regulation	Tolerance ± 2%	Tolerance ± 2%		
Ripples	< 2%			
Connection Type	Anderson Connector with 2 core 3.0sq.mm, 1 meter length cable			
Protections	21-			
Output Overload	Current limit by	internal circuit		
Output Short Circuit	Protected by internal circuit			
Output over voltage	Shutdown Output voltage, Reset to recover			
Over temperature with auto recovery	Shutdown Output	voltage, recover automa	atically after temp goes down	
Battery reverse	The second secon	Protected by DC Fuse		
Cooling	Fan Cooled			
Operation	TIEN CERTIFIE			
AC input Present	Green LED Glo	owing		
Status LED	Green LED Glowing 25%, 50%, 75%, <90%, 100%, MAINS			
Battery Details		AND THE OWNER OF THE PARTY OF	56	
Battery Type	Lead-Acid, Tub	ular Batteries		
Battery Capacity	100-150 Ah			
Environmental	100-100 AII			
Operating Temperature	0° to +50°C			
Storage Temperature	-10°C to +60°C			
Humidity	40°C, 95% RH			
Vibration Test	Pass			
Physical	1			
Dimensions (LxBxH)	240mm x 155mi	m x 100mm		
A 1 - 1 A 2 - 2 - 2 - 2 - 2	2.6kg			
Net Weight	E-MING			
Net Weight Enclosure	Metallic			

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- Robust Cabinet With Robust Anderson Con.
- SMPS based fully automatic.
- Highly Efficient
- Digital Control Circuit with Powerful Micro Controller.
- 4 Stage Charging Profile
- Rejuvenate Battery by Pulse Charging
- Available in CAN communication



Charger Capacity PFC PRO	48V-20A	60V-18A	48V-16A LI	48V-20A LI	60V-18A L
AC Input	404-20A	DOY-TOP	404-10H EI	404-ZUA LI	004-107-1
AC Input Voltage - range	105-285	VAC			
Output current derating	<180VAC				
AC Input Voltage - nominal	230 VAC				
AC Input Frequency	50Hz ± 3				
AC Input Current	7.0A Non	ninal			
Switching Frequency Topology	50 kHz	e with PFC	Q.		
Connection Type			h 3 core, 3pin	-16A AC Ton	
DC Output	1360.111010	r iongin wi	n o dord opin	TONAC TOP	
DC Output Voltage Nominal (VDC)	48	60	34	8	60
DC Output Current ± 0.4A	20A	18A	16A	20A	18A
Efficiency	88%		1 1000000		
DC Output Line & Load Regulation	Tolerance	± 2%			
Ripples	< 2%			54 To 114	
Connection Type					
	SBS 75X Anderson Connector for CAN Communication				
Protections	Ph				
Connection Type		mit by inter			
Output overload	Protected by internal circuit				
Output short circuit	Shutdown by internal circuit				
Output over voltage	Shutdow	Output vo	Itage, Reset to	o recover	
Over temperature with auto recovery	Shutdown	Output volta	ge, recover auto	matically after	temp goes do
Battery reverse	FUSE / R	ELAY			
Cooling	Fan Cool	ed			
Operation					
AC input Present	Green LE	D AC Glow	ring		
Battery Status	Green LED Glowing 25%, 50%, 75%, 100%				
Communication	CAN Inter	rfacing for L	ithium Ion Batt	ery	
Battery Details					
Battery Type	Lead-Aci	d Batt.		LI Batt.	2
Battery Capacity (Ah)	120-160	120-150	60-80	80-100	60-80
Environmental		-	7		
Operating Temperature	0° to +50	°C			
Storage Temperature	-10°C to +60°C				
Humidity	40°C, 95% RH				
Vibration Test	Pass				
Physical					
Dimension (L xBxH)		161mm X	104mm		
Weight	3.2Kg				
Enclosure	Metallic		ī	rarer	
Warranty (Months)	24			12	

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- Designed to meet adverse Indian climatic condition. Low Battery cut off.
- Input Reverse Connection Protection (Internal fuse). Output Short Circuit Protection,
- Best performance due to High Efficient PWM.
- Waterproof, IP65.
- Aluminum Alloy Cabinet with good heat dissipation and shock absorption.

TECHNICAL SPECIFICATION		
DC-DC CONVERTER	10A	
DC input Voltage range	40VDC-60VDC	
Nominal DC Input Voltage	48VDC	
OC-Output voltage	13.2VDC ±0.4V	
DC-Output current	10A Constant	
DC Output Peak current	15A Peak	
DC Output Line & Load Regulation	Tolerance ±2% at cable	
DC Output Ripple	<300mV	
Efficiency	> 90%	
Protection	According to the few	
Overload Protection	Available	
Output Short Circuit Protection	Available	
Output Over Voltage Protection	Available	
nput Under Voltage Protection	Available (Input low cut <40Vdc)	
nput Battery Reverse Protection	Through Fuse	
Environmental		
Operating Temperature	0°C to 50°C	
Storage Temperature	-10°C to +60°C	
Viethani(2)		
nput/Output Terminal	Auto Mobile 3 pin male connector (DJ7031A-2.8) and (TTP-23MN)	
Enclosure Material	Aluminum	
ngress Protection	65	
Dimensions (LxWxH) mm	96 x 55 x 45	
Weight	280gm	







The Power...

As and when you need it.





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12) State Control Cont





हाई वोल्टेज प्रभी ख़राब ना हो

चलता रहे यालो याल

FEATURES

- **ा** 140 वोल्ट इनपुट पर भी चार्न करे
- क मजब्त के बिनेट
- **एस एम पी एस बेस्ड फुल्ली एटोमेटिक**
- क्र राक्तिशाली माइको कन्ट्रोलर के साथ

बट्री चार्चर

12Month

FEATURES

- **ा 140 वोल्ट इनपुट पर भी चार्ज करे**
- अ मजब्त केबिनेट
- 摩 एस एम पी एस बेस्ड फुल्ली एटोमेटिक
- अासानी से समज में आने वाली बैटरी चार्जिग ग्राफ
- 🕝 राक्तिरााली माइको कब्ट्रोलर के साथ











SMPS Charger	
Topology	Half Bridge
Control	DSP Micro Controller
AC Input	
AC Input Voltage - range	170V - 300 VAC
AC Input Voltage - nominal	230 VAC
AC Input Frequency	50Hz ± 3Hz
AC Input Current - maximum	1.5A
Connection Type	FR Grade 3 core AC Input lead with AC plug
DC Output	
Battery Type	Li-ION (NMC), LFP
DC Output Voltage	54.6VDC ± 0.3VDC, 58.8VDC ± 0.3VDC, 67.2VDC ± 0.2VDC
DC Output Current	6A ± 0.5A
Connection Type	3 Pin Computer socket with 2 core cable (Output)
Protections	
Output overload	Current limit by internal circuit
Output short circuit	Protected by internal circuit
Output over voltage	Shutdown Output voltage, Repower ON recover
Over temperature	temp goes down
Battery reverse	Protected by DC fuse
LED Indications	
AC input Present	Orange LED Glowing
DC output Charging	Green LED Blinking
Fault	Red
Environmental	
Operating Temperature	0°C to +50°C
Altitude	upto 2000m
Storage Temperature	-10°C to +60°C
Physical	
Dimensions	W=100.1mm, H=70.1mm, L=209mm
Net Weight	1.34kg

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### Ac Input Voltage - range	Bottom: Charge	404.04 (171111111111111111111111111111111111
AC Input Voltage - range AC Input Voltage - nominal AC Input Frequency 50Hz ± 3Hz AC Input Current - maximum 3.5A Connection Type 3-core AC cable with Plug DC Output DC Output Voltage 54.6VDC ± 0.5VDC, 67.2VDC ± 0.2VDC DC Output Current 8A ± 0.3A Peak Efficiency 88% DC Output Line & Load Regulation Ripples Connection Type 3 Pin Battery Connector Protections Output Overload Current limit by internal circuit Output Short Circuit Protected by internal circuit Output over voltage Shutdown Output voltage, Reset to recover Over temperature with auto recovery Shutdown Output voltage, recover automatically after temp goes down Battery reverse Protected by mosfet Cooling Protection Carent LED Glowing Status LED/Bar Graph Sattery Details Battery Type Lithium ion battery Battery Capacity Battery Capacity Cover to 40°C, 95% RH Vibration Test Physical Dimensions Weight Viciation Test Uniciation Toward Voltage Temperature Voltage Temperature Voltage Tender Sore Voltage Temperature		48V-8A LITHIUM ION
AC Input Voltage - nominal AC Input Frequency AC Input Current - maximum 3.5A Connection Type 3-core AC cable with Plug DC Output DC Output Voltage DC Output Voltage DC Output Line & Load Regulation Ripples Connection Type 3 Protections Output Overload Output Overload Current limit by internal circuit Output Short Circuit Output over voltage Shutdown Output voltage, Reset to recover Over temperature with auto recovery Battery reverse Cooling Prosection AC input Present Green LED Glowing Status LED/Bar Graph Sattery Type Battery Type Battery Type Battery Type Battery Type Battery Capacity Environmental Operating Temperature Operating Temperature Of to +50°C Storage Temperature Physical Dimensions Weight Voltage Nacore AC cable with Plug School AC Sator AC Cable with Plug School AC Carent Coole Color Coutput Core AC Cable with Plug School AC Color Coole Cover temperature with auto recover Shutdown Output voltage Shutdown Output voltage, recover automatically after temp goes down School AC Sch		
AC Input Frequency AC Input Current - maximum Connection Type 3-core AC cable with Plug DC Output DC Output DC Output Voltage DC Output Current Peak Efficiency BC Output Line & Load Regulation Ripples Connection Type 3 Pin Battery Connector Protections Output Overload Current limit by internal circuit Output Short Circuit Protected by internal circuit Output over voltage Shutdown Output voltage, Reset to recover Over temperature with auto recovery Shutdown Output voltage, recover automatically after temp goes down Battery reverse Protected by mosfet Cooling Fan Cooled Operation AC input Present Green LED Glowing Status LED/Bar Graph Sattery Details Battery Type Lithium ion battery Battery Capacity Environmental Operating Temperature O° to +50°C Storage Temperature 1-0°C to +60°C Humidity Vibration Test Physical Dimensions W=130mm, H=115mm, D=225mm Weight 1.7kg		Distribution of the Control of the C
AC Input Current - maximum Connection Type DC Output DC Output Voltage DC Output Voltage DC Output Current 8A ± 0.3A Peak Efficiency B8% DC Output Line & Load Regulation Ripples Connection Type 3 Pin Battery Connector Protections Output Overload Current limit by internal circuit Output over voltage Over temperature with auto recovery Battery reverse Cooling Protected by mosfet Cooling Fan Cooled Operation AC input Present Battery Type Cooling Coperation Operating Temperature O° to +50°C Storage Temperature -10°C to +60°C Humidity 40°C, 95% RH Vibration Test Physical Dimensions W=130mm, H=115mm, D=225mm Weight Vication Test Voluction Type Seven Cable with Plug S-core AC cable with Plug 3-core AC cable with Plug 5-cover AC cable with Plug 54.6VDC ± 0.5VDC, 67.2VDC ± 0.2VDC 54.6VDC ± 0.2VDC 55.5VDC, 67.2VDC ± 0.2VDC 55.VDC ± 0.2VDC 56.6VDC ± 0.2VD		Control of the Contro
Connection Type DC Output DC Output Voltage DC Output Current 8A ± 0.3A Peak Efficiency 88% DC Output Line & Load Regulation Ripples Connection Type 3 Protections Output Overload Output Short Circuit Output over voltage Over temperature with auto recovery Battery reverse Protected by mosfet Cooling Operation AC input Present Status LED/Bar Graph Sattery Type Lithium ion battery Battery Capacity Battery Capacity Environmental Operating Temperature 0° to +50°C Storage Temperature Physical Dimensions W=3A · OxDA C · Ox		
DC Output Voltage 54.6VDC ± 0.5VDC, 67.2VDC ± 0.2VDC DC Output Current 8A ± 0.3A Peak Efficiency 88% DC Output Line & Load Regulation 7 Ripples < 2% Connection Type 3 Pin Battery Connector Protections Output Overload Current limit by internal circuit Output Overload Current limit by internal circuit Output over voltage Shutdown Output voltage, Reset to recover Over temperature with auto recovery Shutdown Output voltage, recover automatically after temp goes down Battery reverse Protected by mosfet Cooling Fan Cooled Operation AC input Present Green LED Glowing Status LED/Bar Graph 25%, 50%, 75%, 100%, AC Battery Details Battery Type Lithium ion battery Battery Capacity 30Ah-40Ah Environmental Operating Temperature 0° to +50°C Storage Temperature -10°C to +60°C Humidity 40°C, 95% RH Vibration Test Physical Dimensions W=130mm, H=115mm, D=225mm Weight 1.7kg		
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DC Output Current 8A ± 0.3A Peak Efficiency 88% DC Output Line & Load Regulation Tolerance ± 2% Ripples < 2%	the state of the s	
Peak Efficiency DC Output Line & Load Regulation Ripples Connection Type 3 Pin Battery Connector Protections Output Overload Output Short Circuit Output over voltage Over temperature with auto recovery Battery reverse Protected by mosfet Cooling Praction Coling Protected by mosfet Cooling Fan Cooled Operation AC input Present Status LED/Bar Graph Battery Type Battery Type Lithium ion battery Battery Capacity Battery Capacity Storage Temperature Operating Temperature Operating Temperature Operating Temperature Operating Temperature Operating Temperature Operating O		
DC Output Line & Load Regulation Ripples <2% Connection Type 3 Pin Battery Connector Protections Output Overload Current limit by internal circuit Output Short Circuit Protected by internal circuit Output over voltage Shutdown Output voltage, Reset to recover Over temperature with auto recovery Shutdown Output voltage, recover automatically after temp goes down Battery reverse Protected by mosfet Cooling Fan Cooled Operation AC input Present Green LED Glowing Status LED/Bar Graph 25%, 50%, 75%, 100%, AC Battery Details Battery Type Lithium ion battery Battery Capacity 30Ah-40Ah Environmental Operating Temperature 0° to +50°C Storage Temperature -10°C to +60°C Humidity 40°C, 95% RH Vibration Test Pass Physical Dimensions W=130mm, H=115mm, D=225mm Weight		(c. 1996) 1971 (1997) (
Ripples < 2% Connection Type 3 Pin Battery Connector Protections Output Overload Current limit by internal circuit Output Short Circuit Protected by internal circuit Output over voltage Shutdown Output voltage, Reset to recover Over temperature with auto recovery Shutdown Output voltage, recover automatically after temp goes down Battery reverse Protected by mosfet Cooling Fan Cooled Operation AC input Present Green LED Glowing Status LED/Bar Graph 25%, 50%, 75%, 100%, AC Battery Details Battery Type Lithium ion battery Battery Capacity 30Ah-40Ah Environmental Operating Temperature 0° to +50°C Storage Temperature -10°C to +60°C Humidity 40°C, 95% RH Vibration Test Pass Physical Dimensions W=130mm, H=115mm, D=225mm Weight	O PERMIT PROPERTY	Segretary A.
Connection Type 3 Pin Battery Connector Protections Output Overload Current limit by internal circuit Output Short Circuit Protected by internal circuit Output over voltage Shutdown Output voltage, Reset to recover Over temperature with auto recovery Shutdown Output voltage, recover automatically after temp goes down Battery reverse Protected by mosfet Cooling Fan Cooled Operation AC input Present Green LED Glowing Status LED/Bar Graph 25%, 50%, 75%, 100%, AC Battery Details Battery Type Lithium ion battery Battery Capacity 30Ah-40Ah Environmental Operating Temperature O° to +50°C Storage Temperature -10°C to +60°C Humidity 40°C, 95% RH Vibration Test Pass Physical Dimensions W=130mm, H=115mm, D=225mm Weight		State Control of the
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Output Overload Output Short Circuit Output Short Circuit Output over voltage Over temperature with auto recovery Shutdown Output voltage, Reset to recover Over temperature with auto recovery Shutdown Output voltage, recover automatically after temp goes down Battery reverse Protected by mosfet Cooling Fan Cooled Operation AC input Present Status LED/Bar Graph 25%, 50%, 75%, 100%, AC Battery Details Battery Type Lithium ion battery Battery Capacity 30Ah-40Ah Environmental Operating Temperature O° to +50°C Storage Temperature -10°C to +60°C Humidity 40°C, 95% RH Vibration Test Pass Physical Dimensions W=130mm, H=115mm, D=225mm Weight	Connection Type	3 Pin Battery Connector
Output Short Circuit Output over voltage Shutdown Output voltage, Reset to recover Over temperature with auto recovery Shutdown Output voltage, Reset to recover Shutdown Output voltage, recover automatically after temp goes down Battery reverse Protected by mosfet Cooling Fan Cooled Operation AC input Present Green LED Glowing Status LED/Bar Graph 25%, 50%, 75%, 100%, AC Battery Details Battery Type Lithium ion battery Battery Capacity 30Ah-40Ah Environmental Operating Temperature O° to +50°C Storage Temperature -10°C to +60°C Humidity Vibration Test Pass Physical Dimensions W=130mm, H=115mm, D=225mm Weight	Protections	
Output over voltage Over temperature with auto recovery Shutdown Output voltage, Reset to recover Shutdown Output voltage, recover automatically after temp goes down Battery reverse Protected by mosfet Cooling Fan Cooled Operation AC input Present Green LED Glowing Status LED/Bar Graph 25%, 50%, 75%, 100%, AC Battery Details Battery Type Lithium ion battery Battery Capacity 30Ah-40Ah Environmental Operating Temperature O° to +50°C Storage Temperature -10°C to +60°C Humidity 40°C, 95% RH Vibration Test Pass Physical Dimensions W=130mm, H=115mm, D=225mm Weight	Output Overload	Current limit by internal circuit
Over temperature with auto recovery Battery reverse Protected by mosfet Cooling Fan Cooled Operation AC input Present Green LED Glowing Status LED/Bar Graph 25%, 50%, 75%, 100%, AC Battery Details Battery Type Lithium ion battery Battery Capacity 30Ah-40Ah Environmental Operating Temperature 0° to +50°C Storage Temperature -10°C to +60°C Humidity 40°C, 95% RH Vibration Test Pass Physical Dimensions W=130mm, H=115mm, D=225mm Weight 1.7kg	Output Short Circuit	Protected by internal circuit
Battery reverse Protected by mosfet Cooling Fan Cooled Operation AC input Present Green LED Glowing Status LED/Bar Graph 25%, 50%, 75%, 100%, AC Battery Details Battery Type Lithium ion battery Battery Capacity 30Ah-40Ah Environmental Operating Temperature 0° to +50°C Storage Temperature -10°C to +60°C Humidity 40°C, 95% RH Vibration Test Pass Physical Dimensions W=130mm, H=115mm, D=225mm Weight 1.7kg	Output over voltage	Shutdown Output voltage, Reset to recover
Cooling Fan Cooled Operation AC input Present Green LED Glowing Status LED/Bar Graph 25%, 50%, 75%, 100%, AC Battery Details Battery Type Lithium ion battery Battery Capacity 30Ah-40Ah Environmental Operating Temperature 0° to +50°C Storage Temperature -10°C to +60°C Humidity 40°C, 95% RH Vibration Test Pass Physical Dimensions W=130mm, H=115mm, D=225mm Weight	Over temperature with auto recovery	Shutdown Output voltage, recover automatically after temp goes down
Operation AC input Present Status LED/Bar Graph 25%, 50%, 75%, 100%, AC Battery Details Battery Type Lithium ion battery Battery Capacity Environmental Operating Temperature O° to +50°C Storage Temperature -10°C to +60°C Humidity Vibration Test Pass Physical Dimensions W=130mm, H=115mm, D=225mm Weight Town AC Weight Green LED Glowing Storage Temperature 25%, 50%, 75%, 100%, AC Lithium ion battery 30Ah-40Ah Environmental O° to +50°C Storage Temperature -10°C to +60°C Humidity 40°C, 95% RH Vibration Test Pass Physical Dimensions W=130mm, H=115mm, D=225mm	Battery reverse	Protected by mosfet
AC input Present Status LED/Bar Graph 25%, 50%, 75%, 100%, AC Battery Details Battery Type Lithium ion battery Battery Capacity 30Ah-40Ah Environmental Operating Temperature O° to +50°C Storage Temperature -10°C to +60°C Humidity 40°C, 95% RH Vibration Test Pass Physical Dimensions W=130mm, H=115mm, D=225mm Weight	Carlo	Fan Cooled
Status LED/Bar Graph Battery Details Battery Type Lithium ion battery Battery Capacity Battery Capacity Environmental Operating Temperature O° to +50°C Storage Temperature -10°C to +60°C Humidity Vibration Test Pass Physical Dimensions W=130mm, H=115mm, D=225mm Weight	Operation	
Battery Details Battery Type Lithium ion battery Battery Capacity 30Ah-40Ah Environmental Operating Temperature O° to +50°C Storage Temperature -10°C to +60°C Humidity 40°C, 95% RH Vibration Test Pass Physical Dimensions W=130mm, H=115mm, D=225mm Weight 1.7kg	AC input Present	Green LED Glowing
Battery Type Lithium ion battery Battery Capacity 30Ah-40Ah Environmental Operating Temperature 0° to +50°C Storage Temperature -10°C to +60°C Humidity 40°C, 95% RH Vibration Test Pass Physical Dimensions W=130mm, H=115mm, D=225mm Weight 1.7kg	Status LED/Bar Graph	25%, 50%, 75%, 100%, AC
Battery Capacity 30Ah-40Ah Environmental 0° to +50°C Operating Temperature -10°C to +60°C Humidity 40°C, 95% RH Vibration Test Pass Physical W=130mm, H=115mm, D=225mm Weight 1.7kg	Battery Details	
EnvironmentalOperating Temperature0° to +50°CStorage Temperature-10°C to +60°CHumidity40°C, 95% RHVibration TestPassPhysicalW=130mm, H=115mm, D=225mmWeight1.7kg	Battery Type	Lithium ion battery
Operating Temperature 0° to +50°C Storage Temperature -10°C to +60°C Humidity 40°C, 95% RH Vibration Test Pass Physical W=130mm, H=115mm, D=225mm Weight 1.7kg	Battery Capacity	30Ah-40Ah
Storage Temperature -10°C to +60°C Humidity 40°C, 95% RH Vibration Test Pass Physical W=130mm, H=115mm, D=225mm Weight 1.7kg	Environmental	
Humidity 40°C, 95% RH Vibration Test Pass Physical W=130mm, H=115mm, D=225mm Weight 1.7kg	Operating Temperature	0° to +50°C
Vibration Test Pass Physical Dimensions W=130mm, H=115mm, D=225mm Weight 1.7kg	Storage Temperature	-10°C to +60°C
Physical W=130mm, H=115mm, D=225mm Weight 1.7kg	Humidity	40°C, 95% RH
Dimensions W=130mm, H=115mm, D=225mm Weight 1.7kg	Vibration Test	Pass
Weight 1.7kg	Physical	
	Dimensions	W=130mm, H=115mm, D=225mm
Enclosure Metallic	Weight	1.7kg
	Enclosure	Metallic

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बुद्री चार्य

Battery Charger	60V-10A LITHIUM ION
AC Input	
AC Input Voltage - range	160-275 VAC
AC Input Voltage - nominal	230 VAC
AC Input Frequency	50Hz ± 3Hz
AC Input Current - maximum	4.5A
Connection Type	3-core AC cable with Plug
DC Output	
DC Output Voltage	67.2VDC ± 0.2VDC
DC Output Current	10A ± 0.3A
Peak Efficiency	88%
DC Output Line & Load Regulation	Tolerance ± 2%
Connection Type	3 Pin Battery Connector
Protections	
Output Overload	Current limit by internal circuit
Output Short Circuit	Protected by internal circuit
Output over voltage	Shutdown Output voltage, Reset to recover
Over temperature with auto recovery	Shutdown Output voltage, recover automatically after temp goes down
Battery reverse	Protected by mosfet
Cooling	Fan Cooled
Operation	
AC input Present	Green LED Glowing
Status LED/Bar Graph	25%, 50%, 75%, 100%, AC
Battery Details	
Battery Type	Lithium ion battery
Battery Capacity	30Ah-45Ah
Environmental	
Operating Temperature	0° to +50°C
Storage Temperature	-10°C to +60°C
Humidity	40°C, 95% RH
Vibration Test	Pass
Physical	
Dimensions	W=160mm, H=110mm, D=310mm
Weight	<3.5kg
Enclosure	Metallic

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Battery Charger	84V-10A LITHIUM ION
AC Input	
AC Input Voltage - range	160-275 VAC
AC Input Voltage - nominal	230 VAC
AC Input Frequency	50Hz ± 3Hz
AC Input Current - maximum	5.5A
Connection Type	3-core AC cable with Plug
DC Output	
DC Output Voltage	84.0VDC ± 0.5VDC
DC Output Current	10A ± 0.3A
Peak Efficiency	88%
DC Output Line & Load Regulation	Tolerance ± 2%
Connection Type	3 Pin Battery Connector
Protections	
Output Overload	Current limit by internal circuit
Output Short Circuit	Protected by internal circuit
Output over voltage	Shutdown Output voltage, Reset to recover
Over temperature with auto recovery	Shutdown Output voltage, recover automatically after temp goes down
Battery reverse	Protected by mosfet
Cooling	Fan Cooled
Operation	
AC input Present	Green LED Glowing
Status LED/Bar Graph	25%, 50%, 75%, 100%, AC
Battery Details	
Battery Type	Lithium ion battery LFP / NMC
Battery Capacity	30Ah-45Ah
Environmental	
Operating Temperature	0° to +50°C
Storage Temperature	-10°C to +60°C
Humidity	40°C, 95% RH
Vibration Test	Pass
Physical	
Dimensions	W=160mm, H=110mm, D=310mm
Weight	<3.5kg
Enclosure	Metallic

^{*}Specification are subject to change without prior notice due to constant improvement in design & technology.

The Power..... As and when you need it.



- ≺ Online UPS
- < Inverter
- ≺ Solar
- < Battery
- < Charger



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