

TECHNICAL DATA

SHARP 50 36V/105A BATTERY CHARGERS

Part number SP9433 Model SHARP 50 Type 36V/105A MAINS DATA (50/60HZ) MAINS DATA (50/60HZ) Output Voltage [V] 36 Number of plases 3 Retod Voltage range [V] 200-240 Current at nominal voltage [A] 15.3 Recommended supply fuse [A] 16 Supply cable length [m] 3 Supply Comeeter 0EETB Output cable cross-section 35 mm2 Dutput cable cross-section 35 mm2 Dutput cable length [m] 36 Dutput cable length [m] 36 Output cable length [m] 36 </th <th>STATED DATA ACCORDING TO MICROPOWE</th> <th>R STANDARD</th>	STATED DATA ACCORDING TO MICROPOWE	R STANDARD
Nype 36V7105A MAINS DATA (50/60HZ) Unique Voltage [V] 36 Output Voltage [V] 105 Number of phases 3 Rated Voltage range [V] 200-240 Current at nominal voltage [A] 15.3 Recommended supply fuse [A] 16 Supply cable length [m] 3 Typical Supply Connector CEE16 BATTERY CONNECTION Startery CONNECTION M6 Output cable terminals (in unit) M6 Output cable terminals (in unit) M6 Output connector DINI16D Output Voltage [V] 36 ELECTRIC DATA ELECTRIC DATA Standby Power Consumption [W] Recommended supply fuse [A] Standby Power Consumption [W]	Part number	SP3433
MAINS DATA (50/60HZ) Output Voltage [V] 36 Output Current [A] 105 Number of phases 3 Rated Voltage range [V] 200-240 Current at nominal voltage [A] 15.3 Recommended supply fuse [A] 16 Supply cable area 42.5 mm2 Supply cable length [m] 3 Typical Supply Connector CEE16 Output cable cross-section 35 mm2 BATTERY CONNECTION 35 mm2 Output cable terminals (in unit) M6 Output cable terminals (in unit) M6 Output cable terminals (in unit) 3 Typical Output connector DIN160 Output Voltage [V] 36 ELECTRIC DATA Standby Power Consumption [W] 5 Power Consumption [W] 5045	Model	SHARP 50
Output Voltage [V] 36 Output Current [A] 105 Number of phases 3 Reted Voltage range [V] 200-240 Current at nominal voltage [A] 15.3 Recommended supply fuse [A] 16 Supply cable area 4x2.5 mm2 Supply cable length [m] 3 Typical Supply Connector CEE16 Output cable cross-section 35 mm2 BATTERY CONNECTION M6 Output cable terminals (in unit) M6 Output cable terminals (in unit) M6 Output cable terminals (in unit) 3 Typical Output connector DIN160 Output Voltage [V] 36 ELECTRIC DATA 5 Electric Data 5045	Туре	36V/105A
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Number of phases 3 Rated Voltage range [V] 200-240 Current at nominal voltage [A] 15.3 Recommended supply fuse [A] 16 Supply cable area 4x2,5 mm2 Supply cable length [m] 3 Typical Supply Connector CEE16 Output cable cross-section 35 mm2 BATTERY CONNECTION 35 mm2 Output cable cross-section 35 mm2 Output cable terminals (in unit) M6 Output cable length [m] 3 Typical Output connector Dill160 Output Voltage [V] 36 ELECTRIC DATA 5 Ever Consumption [W] <5	Output Voltage [V]	36
Rated Voltage range [V] 200-240 Current at nominal voltage [A] 15.3 Recommended supply fuse [A] 16 Supply cable area 4x2.5 mm2 Supply cable length [m] 3 Typical Supply Connector CEE16 Output cable cross-section 35 mm2 BATTERY CONNECTION Output cable terminals (in unit) M6 Output cable tength [m] 3 Typical Output connector DIN160 Output Voltage [V] 36 ELECTRIC DATA Standby Power Consumption [W] < 5	Output Current [A]	105
Current at nominal voltage [A] 15.3 Recommended supply fuse [A] 16 Supply cable area 4x2,5 mn2 Supply cable length [m] 3 Typical Supply Connector CEE16 Output cable cross-section 35 mm2 BATTERY CONNECTION Output cable cross-section 35 mm2 Output cable terminals (in unit) M6 Output cable length [m] 3 Typical Output connector DIN160 Output Voltage [V] 36 ELECTRIC DATA 5 Every Consumption [W] <5	Number of phases	3
Recommended supply fuse [A] 16 Supply cable area 4x25 mm2 Supply cable length [m] 3 Typical Supply Connector CEE16 Output cable cross-section 35 mm2 BATTERY CONNECTION Output cable cross-section 35 mm2 Output cable terminals (in unit) M6 Output cable length [m] 3 Typical Output connector DIN160 Output Voltage [V] 36 ELECTRIC DATA 5 Ever Consumption [W] < 5 Power Consumption [W] 5045	Rated Voltage range [V]	200-240
Supply cable area 4x2,5 mm2 Supply cable length [m] 3 Typical Supply Connector CEE16 Output cable cross-section 35 mm2 BATTERY CONNECTION Output cable cross-section 35 mm2 Output cable terminals (in unit) M6 Output cable length [m] 3 Typical Output connector DIN160 Output Voltage [V] 36 ELECTRIC DATA <5	Current at nominal voltage [A]	15.3
Supply cable length [m] 3 Typical Supply Connector CEE16 Output cable cross-section 35 mm2 BATTERY CONNECTION Output cable cross-section 35 mm2 Output cable terminals (in unit) M6 Output cable length [m] 3 Typical Output connector DIN160 Output Voltage [V] 36 ELECTRIC DATA <5	Recommended supply fuse [A]	16
Typical Supply Connector CEE16 Output cable cross-section 35 mm2 BATTERY CONNECTION Output cable cross-section 35 mm2 Output cable cross-section 35 mm2 Output cable terminals (in unit) M6 Output cable length [m] 3 Typical Output connector DIN160 Output Voltage [V] 36 ELECTRIC DATA Standby Power Consumption [W] <5 Power Consumption [W] 5045	Supply cable area	4x2,5 mm2
Output cable cross-section 35 mm2 Output cable cross-section 35 mm2 Output cable terminals (in unit) M6 Output cable length [m] 3 Typical Output connector DIN160 Output Voltage [V] 36 ELECTRIC DATA Standby Power Consumption [W] <5	Supply cable length [m]	3
Dutput cable cross-section 35 mm2 Output cable terminals (in unit) M6 Output cable length [m] 3 Typical Output connector DIN160 Output Voltage [V] 36 ELECTRIC DATA Standby Power Consumption [W] <5 Power Consumption [W] 5045	Typical Supply Connector	CEE16
Output cable cross-section35 mm2Output cable terminals (in unit)M6Output cable length [m]3Typical Output connectorDIN160Output Voltage [V]36ELECTRIC DATAStandby Power Consumption [W]<5	Output cable cross-section	35 mm2
Output cable terminals (in unit) Output cable length [m] Typical Output connector Output Voltage [V] Standby Power Consumption [W] Power Consumption [W] M6 DIN160 36 ELECTRIC DATA Standby Power Consumption [W] 5045	BATTERY CONNECTION	
Output cable length [m] 3 Typical Output connector DIN160 Output Voltage [V] 36 ELECTRIC DATA Standby Power Consumption [W] <5	Output cable cross-section	35 mm2
Typical Output connector Output Voltage [V] ELECTRIC DATA Standby Power Consumption [W] Power Consumption [W] DIN160 36 * 5045	Output cable terminals (in unit)	M6
Output Voltage [V] 36 ELECTRIC DATA Standby Power Consumption [W] Standby Power Consumption [W] < 5	Output cable length [m]	3
ELECTRIC DATA Standby Power Consumption [W] < 5 Power Consumption [W] 5045	Typical Output connector	DIN160
Standby Power Consumption [W] < 5 Power Consumption [W] 5045	Output Voltage [V]	36
Power Consumption [W] 5045	ELECTRIC DATA	
	Standby Power Consumption [W]	< 5
Apparent Power Consumption [VA] 5311	Power Consumption [W]	5045
	Apparent Power Consumption [VA]	5311

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Inrush current, do not tripp fuse of class [A] Output Ripple	B <5
Output Ripple	<5
Efficiency (at rated power and no cables) [%]	91
PROPERTIES	
Ingress protection	IP20
Ambient temperature range (at full output power) [deg C]	-5 to +40
Ambient max temp (with reduced output power) [deg C]	50
Cooling	Convection
Short Circuit Protection	Yes
Wrong Polarity Protection	Fuse
Cabinet Type	\$16
Certifications	CE
HMI	LED
HMI Language	-
Reporting	No
Radio Communication	No
Charging Curve Set	10-04,06,18 & 20-09
I/O-cards	No
CE	Yes
UL	No
CHARGING TIMES	
6 Hours cap.ah/5h	603
8 Hours cap.ah/5h	875
10 Hours cap.ah/5h	1168
12 Hours cap.ah/5h	1401
CHARGER DIMENSIONS	
Weight excl. cables [kg]	7
Weight incl. cables [kg]	11
Outer Dimensions Height [mm]	387

Outer Dimensions Width [mm]	266
Outer Dimensions Depth [mm]	152
Min Spacing Required	Se User Manual
SHIPPING DIMENSIONS	
Shipping Weight [kg]	12
Box Height [mm]	260
Box Width [mm]	330
Box Depth [mm]	550
CHARGING	
Charging Ionic	LK10-18 Ionic mixture
Charging Standard	LK10-06 Standard Curve
Charging Gel	LK20-09
Charging Li-lon	0
Charging AGM	LK20-09
Moisture Resistance	No
Dusty Environment	No
Outdoor use	No
Cold store	No
Tropical	No