



YOUR CHARGING PARTNER



**CHARGE<sup>®</sup>**  
**HOUSE**





## CH2W-750W CHARGER

	CH2W-480010	CH2W-600010	CH2W-720008
Battery System	48V Battery	60V Battery	72V Battery
Output Voltage Range	35V - 60V	45V - 73V	55V - 88V
Output Current	6 Amp - 10 Amp	6 Amp - 10 Am	6 Amp - 8.5 Amp
Note: Output voltage & Current can be adjusted as per customer requirements			
Output Power	300W - 750 W		
Input Voltage Range	170VAC-300VAC, 230VAC Nominal Voltage		
Efficiency	>90%		
Dimensions	L=186, W=95mm, H=65mm		
Weight	~ 1.2Kg		
CAN 2.0	As Per AIS Phase - II		
Battery Compatibility	Lithium-Ion (NMC/LFP) & Lead acid		



## CH2W-900W CHARGER

	CH2W-480010	CH2W-600010	CH2W-720008
Battery System	48V Battery	60V Battery	72V Battery
Output Voltage Range	35V - 60V	45V - 73V	55V - 88V
Output Current	8 Amp - 10 Amp	8 Amp - 10 Amp	8 Amp - 10 Amp
Note: Output voltage & Current can be adjusted as per customer requirements			
Output Power	400W - 900 W		
Input Voltage Range	170VAC-300VAC, 230VAC Nominal Voltage		
Efficiency	>85%		
Dimensions	L=200, W=123mm, H=73mm		
Weight	~ 1.5Kg		
CAN 2.0	As Per AIS Phase - II		
Battery Compatibility	Lithium-Ion (NMC/LFP) & Lead acid		





## CH3W - 1200W PFC CHARGER

	CH3W-480021	CH3W-600018	CH3W-720015
Battery System	48V Battery	60V Battery	72V Battery
Output Voltage Range	35V - 60V	45V - 73V	55V - 88V
Output Current	15 Amp - 21 Amp	15 Amp - 18 Amp	12 Amp - 15 Amp
Note: Output voltage & Current can be adjusted as per customer requirements			
Output Power	1000W - 1250 W		
Input Voltage Range	170VAC-300VAC, 230VAC Nominal Voltage		
Efficiency	>90%, With PFC		
Dimensions	L=220, W=132mm, H=84mm		
Weight	~ 2.5Kg		
CAN 2.0	As Per AIS Phase - II		
Battery Compatibility	Lithium-Ion (NMC/LFP) & Lead acid		



## CH3W - 2400W PFC CHARGER

	CH3W-480040	CH3W-600035	CH2W-720025
Battery System	48V Battery	60V Battery	72V Battery
Output Voltage Range	35V - 60V	45V - 73V	55V - 88V
Output Current	35Amp - 40Amp	30 Amp - 35 Amp	20 Amp - 25 Amp
Note: Output voltage & Current can be adjusted as per customer requirements			
Output Power	1800W - 2400 W		
Input Voltage Range	170VAC-300VAC, 230VAC Nominal Voltage		
Efficiency	>90%		
Dimensions	L=245, W=166mm, H=80mm		
Weight	~ 3.5Kg		
CAN 2.0	As Per AIS Phase - II		
Battery Compatibility	Lithium-Ion (NMC/LFP)		

## Sailent Features avilable in all Models

<b>Output</b>	CV tollerance	< 1% of Max Output Voltage
	CC tollerance	< 2% of Max Output Current
	Output Ripple	< 1% of Max Output Voltage
	Line Regulation & Load Regulation	< 1% of Max Output Voltage
	Battery Deep Discharge Recovery	Charger is capable of recover deep discharge battery
<b>Input</b>	Voltage Range	170 VAC to 300 VAC (Output voltage regulation range)
	Minimum Operating Voltage	130 VAC (Charger will charge the battery with less current)
	Inrush Current	< 40 Amp
	Leackage current	< 0.5 mA
<b>Protections</b>	Peak Current Protection	CT based Peak current protection to safeguard Mosfets
	Output Over Voltage Protection	Analog & Digital based double protection (ASIL-B Equivalent)
	Under Voltage Protection	Provided
	Over Temparature Protection	Provided
	Battery Reverse Connection Protection	Provided (Internal Relay)
	Output Short Circuit Protection	Provided
<b>Environmental Conditions</b>	Operating Temperature	0-50°C
	Storage Temperature	0-70°C
	Humidity	20% to 95% Non Condensing
	Vibration	ISO 16750-3
<b>Safety &amp; Regulations</b>	Electrical Safety Standard	Designed to meet IEC 60950-1
	EMI & EMC	Designed to meet AIS 138-1
	Dielectric withstand voltage	I/P to O/P : 2kv ; I/P to Earth : 1.5kv; O/P to Earth : 500v
<b>Others</b>	Enclosure	Alluminium
	AC Input Connector	IS 1293:2005 3Pin AC Plug, IS 694 cable
	DC Output Connector	C13 / SB 50 connector, IS 694 cable
	Mains ON Indicator	Red LED
	Charging Level Indicator	"During Charge : Green LED Blinks Charge Complete : Green LED Constant"
	Fault Indication	Fault Led will blink as per fault occurred.



**CHARGEHOUSE MOBILITY PVT. LTD.**

Plot No.99 & 100, Phase-III, IDA Cherlapally  
Hyderabad, Telangana-500051.

1800 296 1777

sales@chargehouse.in www.chargehouse.in