



Hangzhou Tiecheng Information Technology Co., Ltd

Add: 4/F, No.1418-38 Moganshan Rd, Hangzhou 310015, China
 Contact: Bella Email: export4@tccharger.com Skype: bella9073 Mobile: 86-183-5812-1529

700W Charger
 HQ-C Sereis On Board Battery Charger

Technical Data:

AC Input Voltage Range AC85V~AC265V
 AC Input Frequency 45~65 Hz
 AC Power Factor ≥ 0.98
 Full Load Efficiency $\geq 93\%$
 Mechanical Shock & Vibration Conformance to SAEJ1378
 Resistance Level Standard
 Environmental Enclosure IP65
 Operating Temperature $-40\text{ }^{\circ}\text{C} \sim +55\text{ }^{\circ}\text{C}$ ($-40\text{ }^{\circ}\text{F} \sim +131\text{ }^{\circ}\text{F}$)
 Storage $-40\text{ }^{\circ}\text{C} \sim +100\text{ }^{\circ}\text{C}$ ($-40\text{ }^{\circ}\text{F} \sim +212$)
 Charging Mode 10 Charging
 Cooling Method Natural Cooling
 Charging Control **Enable Wire Only**



700W HF/PFC Battery Charger

Lead Acid Battery Charger Model	Lithium Battery Charger Model	Max Output Voltage	Output Current Max	Sample Price (≤ 20 units)	Unit Price (21-100units)	Unit Price (101-200Units)
HQ-C24-25	HQ-C29-25	29	25	US\$140.00	US\$135.00	US\$130.00
HQ-C48-15	HQ-C65-15	65	15			
HQ-C60-12	HQ-C83-12	83	12			
HQ-C72-10	HQ-C99-10	99	10			



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1.8KW Charger

HK-H Sereis On Board Battery Charger

Technical Data:

AC Input Voltage AC90V~AC265V
 AC Input Frequency 45~65 Hz
 AC Power Factor ≥ 0.98
 Full Load Efficiency $\geq 93\%$
 Mechanical Shock & Vibration QC/T 895-2011
 Resistance Level
 Environmental Enclosure IP67
 Operating Temperature $-40^{\circ}\text{C} \sim +55^{\circ}\text{C}$ ($-40^{\circ}\text{F} \sim +131^{\circ}\text{F}$)
 Storage Temperature $-40^{\circ}\text{C} \sim +100^{\circ}\text{C}$ ($-40^{\circ}\text{F} \sim +212^{\circ}\text{F}$)
 Supply power to auxiliary battery 12V 5A

Cooling Method Force Air Cooling

Control Method(Only 1) With CAN BUS
for Lithium battery) 2) Enable Wire

Newest!!



1.8KW HF/PFC Battery Charger
 Size (mm): 203(L) × 135(W) × 125(H)
 Net Weight: 4kg

Lead Acid Battery Charger Model	Lithium Battery Charger Model	Max Output Voltage	Max Output Current	Sample Price (≤20units)	Unit Price (21-100units)	Unit Price (101-200Units)
HK-H48-25	HK-H-H65-25	68V	25A	US\$300.00	US\$260.00	US\$220.00
HK-H72-25	HK-H-H99-25	99V	25A			
HK-H96-16	HK-H-H132-16	132V	18A			



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3.3KW Charger
HK-J Sereis On Board Battery Charger

Technical Data:

AC Input Voltage Range AC90V~AC265V
 AC Input 45~65 Hz
 AC Power Factor ≥ 0.98
 Full Load $\geq 93\%$
 Mechanical Shock & Vibration QC/T 895-2011
 Resistance Level
 Cooling Method 1) Force Air Cooling
 2) Liquid Cooling
 Environmental Enclosure IP67
 Operating Temperature $-40^{\circ}\text{C} \sim +55^{\circ}\text{C}$ ($-40^{\circ}\text{F} \sim +131^{\circ}\text{F}$)
 Storage Temperature $-40^{\circ}\text{C} \sim +100^{\circ}\text{C}$ ($-40^{\circ}\text{F} \sim +212^{\circ}\text{F}$)
 Supply power to auxiliary battery 12V 5A
 Control Method(Only 1) With CAN BUS
 for 2) Enable Wire



Newest!!!

3.3KW HF/PFC Battery Charger
 Size (mm): 239(L) × 108.5(W) × 131(H)
 Net Weight: 6kg

Lead Acid Battery Charger Model	Lithium Battery Charger Model	Max Output Voltage	Max Output Current	Sample Price (≤ 20 units)	Unit Price (21-100units)	Unit Price (101-200Units)
HK-J-48-40	HK-J-H66-40	66V	40A	US\$500.00	US\$450.00	US\$400.00
HK-J-72-40	HK-J-H99-40	99V	40A			
HK-J-96-32	HK-J-H132-32	132V	32A			
HK-J-144-23	HK-J-H198-23	198V	23A			
HK-J-312-10	HK-J-H440-10	440V	10A			
HK-J-540-06	HK-J-H650-06	650V	6A			



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6.6KW Charger

HK-J Sereis On Board Battery Charger

Technical Data:

AC Input Voltage Range AC90V~AC265V

AC Input Frequency 45~65 Hz

AC Power Factor ≥ 0.98

Full Load Efficiency $\geq 93\%$

Mechanical Shock

& Vibration Resistance QC/T 895-2011

Level

Cooling Method 1) Force Air Cooling
2) Liquid Cooling

Environmental IP67

Operating Temperature $-40^{\circ}\text{C} \sim +55^{\circ}\text{C}$ ($-40^{\circ}\text{F} \sim +131^{\circ}\text{F}$)

Storage Temperature $-40^{\circ}\text{C} \sim +100^{\circ}\text{C}$ ($-40^{\circ}\text{F} \sim +212$)

Supply power to auxiliary battery 12V 5A OR 24V 5A(Optional)

Control Method(Only for 1) With CAN BUS
Lithium battery) 2) Enable Wire



Newest!!!

6.6KW HF/PFC Battery Charger
Size (mm): 335(L) × 230(W) × 160(H)
Net Weight: 15kg

Lead Acid Battery Charger Model	Lithium Battery Charger Model	Max Output Voltage	Max Output Current	Sample Price (≤ 20 units)	Unit Price (21-100units)	Unit Price (101-200Units)
HK-J-48-80	HK-J-H66-80	68V	80A	US\$900.00	US\$850.00	US\$800.00
HK-J-72-80	HK-J-H99-80	99V	80A			
HK-J-96-64	HK-J-H132-64	132V	64A			
HK-J-144-46	HK-J-H198-46	198V	46A			
HK-J-312-20	HK-J-H440-20	440V	20A			
HK-J-540-12	HK-J-H650-12	650V	12A			



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1KW DC/DC Converter

TDC Series DC/DC Converter

Max Output Power: 1000W
 Nominal Output Current(@12V): 70A
 Nominal Output Current(@24V): 40A
 Max Efficiency: $\geq 93\%$
 Voltage Regulation: $\leq 1.5\%$
 IP Standard: IP67
 Operating Temperature: $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$
 Storage Temperature: $-45 \sim 100^{\circ}\text{C}$
 Insulation Resistance: In the environment of $(23 \pm 2)^{\circ}\text{C}$ and moisture at 80%-90%
 Noisy: Distance in 1.5m, Noisy $\leq 50\text{dB}$
 Control Method: **Natural Cooling**



1KW DC/DC Converter
 Size (mm): 180(L) × 130(W) × 63(H)
 Net Weight: 2.65kg

NEWEST!!!

Model	Input Voltage Range	Nominal Output Voltage	Nominal Output Current	Sample Price (≤ 20 units)	Unit Price (21-100units)	Unit Price (101-200Units)
TDC-I-72-12	50-100V	13.8V	70A	US\$200.00	US\$170.00	US\$160.00
TDC-I-72-24		27.6V	40A			
TDC-I-96-12	64-133V	13.8V	70A			
TDC-I-96-24		27.6V	40A			
TDC-I-144-12	100-200V	13.8V	70A			
TDC-I-144-24		27.6V	40A			



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1.5KW DC/DC Converter

TDC Series DC/DC Converter

Max Output Power: 1500W
 Nominal Output Current(@12V): 110A
 Nominal Output Current(@24V): 50A
 Max Efficiency: $\geq 93\%$
 Voltage Regulation: $\leq 1.5\%$
 IP Standard: IP67
 Operating Temperature: $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$
 Storage Temperature: $-45 \sim 100^{\circ}\text{C}$
 Insulation Resistance: In the environment of $(23 \pm 2)^{\circ}\text{C}$ and moisture at 80%-90%
 Noisy: Distance in 1.5m, Noisy $\leq 50\text{dB}$
 Cooling Method: 1) Natural Cooling 2) Enforce Air Cooling 3) Liquid Cooling
 Control Method: 1) No Enable 2) 12V/24V Enable 3) CAN Protocol



1.5KW DC/DC Converter
 Size (mm): 222(L) × 109(W) × 79(H)
 Net Weight: 4kg

NEWEST!!!

Model	Input Voltage Range	Nominal Output Voltage	Nominal Output Current	Sample Price (≤ 20 units)	Unit Price (21-100units)	Unit Price (101-200Units)
TDC-144-12JG	100-200V	13.8V	110A	US\$290.00	US\$280.00	US\$270.00
TDC-144-24JG		27.6V	50A			
TDC-320-12JG	220-450V	13.8V	110A			
TDC-320-24JG		27.6V	50A			
TDC-540-12JG	350-630V	13.8V	110A			
TDC-540-24JG		27.6V	50A			