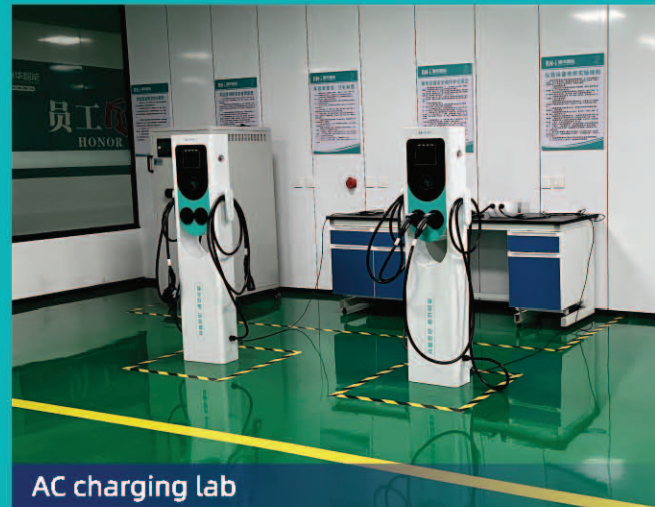


Research & Development

Partner of Jiujiang University
Electrical Engineering Laboratory



Laboratory (Outside)



AC charging lab



High/Low temperature testing chamber



Humidity testing chamber



EU/US standard product testing

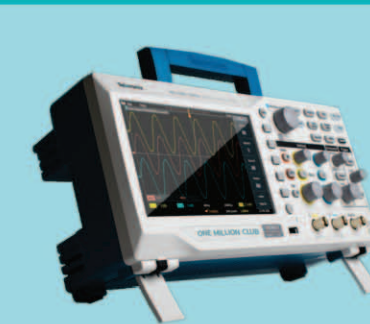


GB/T testing

RUIHUA



Vibration tester



Oscilloscope



High/Low temperature testing chamber



Triple phase power analyzer



Digital bridge



Infrared thermometer



Multimeter



Insulation resistance meter



Multi-Channel temperature meter



Digital power supply

Production Equipment

High Quality Imports
Large Scale Automated Production



Automatic laser coil cutting machine



Automatic laser coil cutting line



SMT moulder machine production line



SMT moulder



SMT moulder

RUIHUA



CNC bending workshop



CNC bending machine



Spraying line



Welding station



Spraying line

Assembly Workshops

Professionally trained
and efficient
Ensuring High Quality



DC charger assembly line



Welding production line



DIP production line



EU Series production



Wire bundling workshop

RUIHUA



AC charger assembly line



Storage for untested products



Advanced wiring workshop



Advanced wiring workshop



Packaging station

Type 2 AC EV Charger

Model : RHAC7K-XC / RHAC11K-XC / RHAC21K-XC



Consolidated Metal Shell for more Durability



IP54 Protection



Comprehensive electrical safety protections



Compatible with all type 2 vehicles



4G / WiFi access for advanced software functions



Highly heat and humidity resistant



Type 2 AC EV Charger

Specifications	Model	RHAC7K-XC	RHAC11K-XC	RHAC21K-XC
Input	Power Supply	1P+N+PE	3P+N+PE	3P+N+PE
	Rated Voltage	230V±15%	400V±15%	400V±15%
	Rated Current	32A	3*16A	3*32A
	Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Output	Output Voltage	230V±15%	400V±15%	400V±15%
	Maximum Current	32A	3*16A	3*32A
	Rate Power	7kw	11kw	22kw
User Interface	Charge Connector	Type 2 cable		
	Cable Length	5 m		
	LED Indicator	Green/blue/Red		
	LCD Display	4.3 inch LCD		
	RFID Reader	MifareISO/IEC14443A		
	Starting Methods	Plug&Play/RFID card/App		
	Emergency Stop	Yes		
Network Connection	LAN	Yes		
	4G	optional		
	Wifi	Yes		
	Bluetooth	Yes		
	Ocpp	Ocpp 1.6 J		
Safety Measures	Energy Meter	Yes		
	RCD	6mA DC		
	Ingress Protection	IP54		
	Impact Protection	Ik10		
	Electrical Protections	Over current protection Residual current protection Surge protection Over/Under voltage protection Over/Under Frequency protection Over temperature protection		
	Certification	CE/CB		
	Certification Standards	EN IEC 61851-1:2019, IEC 61851-1:2017, EN 61851-21-2:2018		
	Warranty	2 Years		
	Installation	Wall-mount/Pole-mount (Optional)		
	Operating Conditions	Operating Temperature	-30°C~+50°C	
Humidity		5%~95%		
Altitude		<2000m		
Packaging		Product Dimension	350*250*122 mm (H*W*D)	
	Package Dimension	550*350*220 mm (L*W*H)		
	Net Weight	6.5 kg	7.5kg	9.5kg
	Gross Weight	7.5kg	8.5kg	10.5kg
	Others	Carton		

Type 1 AC EV Charger

Model: RHAC7K-X-US/ RHAC11K-X-US/ RHAC19K-X-US



Consolidated Metal Shell for more Durability



Comprehensive electrical safety protections



Compatible with all type 1 vehicles on the market



4G / WiFi access for advanced software functions



Highly heat and humidity resistant



Type 1 AC EV Charger

Specifications	Model	RHAC7K-X-US/RHAC11K-X-US/RHAC19K-X-US
Operating Conditions	Operating Temperature	-30°C to +50°C
	Storage Temperature	-40°C to +70°C*
	Altitude	2000m
	Humidity	95% relative humidity
Input	Input rating	240Vac, 32A/48A/80A maximum,50/60 Hz
	Number of phases/ wires	L1,L2,PE
	Standby power	< 2W(basic model, without LCD module)
	Internal RCD	CCID20
Output	Output rating	240Vac, 32A/48A/80A maximum,50/60 Hz,7.6kW/11.5kW/19.2kW maximum
	Connector	Type 1(SAEJ1772)
Protections	Over current	Yes
	Under/over voltage	Yes
	Short circuit	Yes
	Over temperature	Yes
	Ground fault	Yes
	Plug-out protection	Yes
User Interface	Status indicators	Three LED indicators
	Buttons	Emergency stop button
	User Authentication	RFID
	LCD Display	4.3 inch LCD
Network Connection	Network interface	Ethernet, 4G,wifi,BT
	Control Protocol	OCPP 1.6j
	Product Dimension	350*250*122 mm(H*W*D)

F1-EU Series Dual Cable AC Charger

Model : RHAC14K-F1-EU / RHAC22K-F1-EU / RHAC44K-F1-EU



Slim floorstand design saving space



Comprehensive electrical safety protections



4G / WiFi access for advanced software functions



IP54 Protection and MTBF > 10,000 hours



Suitable for all types of parking spaces



F1-EU Series Dual Cable AC Charger

Specifications	Model	RHAC14K-F1-EU	RHAC22K-F1-EU	RHAC44K-F1-EU
Input	Power Supply	1P+N+PE	3P+N+PE	3P+N+PE
	Rated Voltage	230V AC	400V AC	400V AC
	Rated Current	64A	3*32A	3*64A
	Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Output	Output Voltage	230V AC	400V AC	400V AC
	Maximum Current	2*32A	3*32A	2*(3*32)A
	Rate Power	2*7kW	22kW	2*22kW
User Interface	Cable Length	5m		
	LED Indicatot	Green/blue/Red		
	LED Indicators	4.3-Inch LCD		
	RFID Reader	MifareISO/IEC14443A		
	Starting Methods	Plug&Play/RFID card/App		
	Emergency Stop	Yes		
	LAN	Yes		
Network Connection	4G	optional		
	Wifi	Yes		
	Bluetooth	Yes		
	OCCP	OCPP 1.6J		
Safety Measures	Energy Meter	Yes		
	RCD	A+6mA DC		
	Ingress Protection	IP54		
	Impact Protection	IK10		
	Electrical Protections	Over current protection Residual current protection Surge protection Over/Under voltage protection Over/Under frequency protection Over temperature protection		
	Certification	CE		
	Certification Standards	EN IEC 61851-1:2019, IEC 61851-1:2017, EN 61851-21-2:2018		
	Installation	Floor-stand		
	Temperature	-30°C~+50°C		
	Humidity	5%~95%		
Altitude	<2000m			
Packaging	Connector type	Type 2 charging gun		
	Product Dimension	1200*280*200 mm(H*W*D)		
	Package Dimension	950*1010*1430mm(6pcs/case)		
	PCS of Gun	Double gun	Single gun	Double gun
	Net Weight	27.6kg	26.8kg	29.7kg
	Packaging	Wooden Case		

F2-EU Series Dual Socket AC Charger

Model : RHAC14K-F2-EU / RHAC22K-F2-EU / RHAC44K-F2-EU



Slim floorstand design saving space



Comprehensive electrical safety protections



4G / WiFi access for advanced software functions



IP54 Protection and MTBF > 10,000 hours



Suitable for all types of parking spaces



F2-EU Series Dual Socket AC Charger

Specifications	Model	RHAC14K-F2-EU	RHAC22K-F2-EU	RHAC44K-F2-EU
Input	Power Supply	1P+N+PE	3P+N+PE	3P+N+PE
	Rated Voltage	230V AC	400V AC	400V AC
	Rated Current	64A	3*32A	3*64A
	Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Output	Output Voltage	230V AC	400V AC	400V AC
	Maximum Current	2*32A	3*32A	2*(3*32)A
	Rate Power	2*7kW	22kW	2*22kW
User Interface	Cable Length	5m		
	LED Indicators	Green/blue/Red		
	LCD	4.3-Inch LCD		
	RFID Reader	MifareISO/IEC14443A		
	Starting Methods	Plug&Play/RFID card/App		
	Emergency Stop	Yes		
Network Connection	LAN	Yes		
	4G	optional		
	Wifi	Yes		
	Bluetooth	Yes		
	OCCP	OCCP 1.6J		
Safety Measures	Energy Meter	Yes		
	RCD	A+6mA DC		
	Ingress Protection	IP54		
	Impact Protection	IK10		
	Electrical Protections	Over current protection Residual current protection Surge protection Over/Under voltage protection Over/Under frequency protection Over temperature protection		
	Certification	CE		
	Certification Standards	EN IEC 61851-1:2019, IEC 61851-1:2017, EN 61851-21-2:2018		
	Installation	Floor-stand		
	Temperature	-30°C~+50°C		
	Humidity	5%~95%		
Altitude	<2000m			
Packaging	Connector type	Type 2 socket		
	Product Dimension	1200*280*200 mm(H*W*D)		
	Package Dimension	950*1010*1430mm(6pcs/case)		
	PCS of Gun	Double gun	Single gun	Double gun
	Net Weight	25.4kg	24.9kg	26kg
	Packaging	Wooden Case		

L7-EU Series Wallbox DC Charger

Model: RHDC30K-L7-EU/ RHDC40K-L7-EU



Tempered Glass and Steel Shell



4G Sim and router, Wifi and Ethernet Connection Methods



Smart features such as power reduction and setting charge time/ volume/ cost limits



Begin charging with Plug and Play/ RFID/ QR-code scanning etc.



Comprehensive electrical safety protections



Suitable for all types of parking spaces



L7-EU Series Wallbox DC Charger

Specifications	Model	RHDC30K-L7-EU	RHDC40K-L7-EU
Input	Power Supply	3P+N+PE	
	Rated Voltage	400V/AC±15%	
	Frequency	50/60 Hz	
	Input Power Factor	≥0.98(20% ~ 100% Load)	
	Total Harmonics of Input Current	≤5%(50% ~ 100% Load)	
Output	Rated Power	30kW	40kW
	Rated Current	30A	40A
	Rated Voltage	1000V/DC	
	Voltage Range	150-1000V/DC	
	Constant Power Output Voltage Range	300-1000V/DC	
	Maximum Current	100A	125A
	Current Range	0-100A	0-125A
	Peak efficiency	≥95%(50% ~ 100% Load)	
	Current Regulation Accuracy	±1%	
	Voltage Regulation Accuracy	±0.5%	
User Interface	LED Indicators	LED(Blue, Green, Red)	
	LCD Display	10.1" Touch LCD Screen	
	Starting Methods	RFID Reader, Plug&Play, APP	
	Cable Length	5m	
	Number of Charging Guns	Single	
Network Connection	LAN	Yes	
	4G	Optional	
Protocol	Certification Standard	IEC 61851-1:2017, IEC 61851-23:2014, EN 61851-24:2014, EN 61851-21-1:2018	
	OCPP	OCPP1.6J	
Safety Measures	Short Circuit Protection	Yes	
	Over Load Protection	Yes	
	Over Temperature Protection	Yes	
	Leakage Protection	Yes	
	Over and Under Input Voltage Protection	Yes	
	Over and Under Output Voltage Protection	Yes	
	Over-current Protection	Yes	
Operating Conditions	Operating Temperature	-30°C ~ +55°C	
	Storage Temperature	-40°C ~ +70°C	
	Humidity	≤95% Dew Free	
	Altitude	≤2000m	
	Environment	Indoor or Outdoor	
Others	Cooling Method	Fan Cooling	
	Noise	Grade II	
	Ingress Protection	IP54	
	Installation	Wall-mount or Pole-mount	
	Product Dimension	780*600*215mm (H*W*D)	
	Net Weight	72kg	
Packaging	Wooden Case		

YJ-EU Series CCS2 DC Charger

**Model : RHDC60K-YJ-EU / RHDC80K-YJ-EU /
RHDC120K-YJ-EU / RHDC160K-YJ-EU**



PDU Modular Design for fast installation and maintenance



Very robust outer shell for longevity and noise reduction



HD advertising screen



Cost effective maintenance with the Plug-In Control Module



Very High Operator Satisfaction



Voice Over Instruction System included



YJ-EU Series CCS2 DC Charger

Specifications	Model	RHDC60K-YJ-EU	RHDC80K-YJ-EU	RHDC120K-YJ-EU	RHDC160K-YJ-EU
Input	Power Supply	3P+N+PE			
	Rated Voltage	400V/AC±15%			
	Frequency	50/60 Hz			
	Input Power Factor	≥0.98			
	Total Harmonics of Input Current	≤5%(50% ~ 100% loading)			
Output	Rated Power	60kW	80kW	120kW	160kW
	Rated Current	60A	80A	120A	160A
	Rated Voltage	1000V/DC			
	Voltage Range	150-1000V/DC			
	Constant Power Output Voltage Range	300-1000V/DC			
	Maximum Current	200A			
	Current Range	0-200A			
	Peak efficiency	≥95%(100% loading)			
	Current Regulation Accuracy	≤±1%			
	Voltage Regulation Accuracy	≤±0.5%			
User Interface	LED Indicator	LED(Green, blue, Red)			
	LCD Display	10.1"Touch LCD Screen			
	Starting Methods	POS,RFID Reader,Plug&Play,APP			
	Cable Length	5m			
	Number of Charging Guns	Dual			
Network Connection	LAN	Yes			
	4G	Optional			
Protocol	OCPP	OCPP1.6J			
	Certification Standards	IEC 61851-1:2017, IEC 61851-23:2014, EN 61851-24:2014, EN 61851-21-1:2018			
Safety Measures	Short Circuit Protection	Yes			
	Over Load Protection	Yes			
	Over Temperature Protection	Yes			
	Leakage Protection	Yes			
	Over and Under Input Voltage Protection	Yes			
	Over and Under Output Voltage Protection	Yes			
	Over-current Protection	Yes			
Operating Conditions	Operating Temperature	-30°C ~ +55°C			
	Storage Temperature	-40°C ~ +70°C			
	Humidity	≤95% Dew Free			
	Altitude	≤2000m			
	Environment	Indoor or Outdoor			
Others	Cooling Method	Fan Cooling			
	Noise	Grade II			
	Ingress Protection	IP54			
	Installation	Floor-stand			
	Product Dimension	1960*1040*500 mm(H*W*D)			
	Net Weight	327kg			368kg
	Packaging	Wooden case			

YJ-EUG (CCS2 and GB/T) DC Charger

**Model : RHDC60K-YJ-EUG / RHDC80K-YJ-EUG /
RHDC120K-YJ-EUG / RHDC160K-YJ-EUG**



PDU Modular Design for fast installation and maintenance



Very robust outer shell for longevity and noise reduction



HD advertising screen



Cost effective maintenance with the Plug-In Control Module



Very High Operator Satisfaction



Voice Over Instruction System included







YJ-EUG (CCS2 and GB/T) DC Charger

Specifications	Model	RHDC60K-YJ-EUG	RHDC80K-YJ-EUG	RHDC120K-YJ-EUG	RHDC160K-YJ-EUG
Input	Power Supply	3P+N+PE			
	Rated Voltage	400V/AC±15%			
	Frequency	50/60 Hz			
	Input Power Factor	≥0.98			
	Total Harmonics of Input Current	≤5%(50% ~ 100% loading)			
Output	Rated Power	60kW	80kW	120kW	160kW
	Rated Current	60A	80A	120A	160A
	Rated Voltage	1000V/DC			
	Voltage Range	150-1000V/DC			
	Constant Power Output Voltage Range	300-1000V/DC			
	Maximum Current of Gun A	200A			
	Maximum Current of Gun B	250A			
	Gun A Type	CCS2			
	Gun B Type	GB/T			
	Cable Length	5m			
	Peak efficiency	≥95%(100% loading)			
	Current Regulation Accuracy	≤±1%			
	Voltage Regulation Accuracy	≤±0.5%			
User Interface	LED Indicators	LED(Green, blue, Red)			
	LCD Display	10.1"Touch LCD Screen			
	Starting Methods	POS,RFID Reader,Plug&Play,APP			
Network Connection	LAN	Yes			
	4G	Optional			
EU IEC Protocol	Certification Standards for Gun A	IEC 61851-1:2017, IEC 61851-23:2014, EN 61851-24:2014, EN 61851-21-1:2018			
China GB/T Protocol	Certification Standard for Gun B	GB/T 18487-2023、GB/T 27930-2023、GB/T20234-2023			
	Ocpp	OCPP1.6j			
Safety Measures	Short Circuit Protection	Yes			
	Over Load Protection	Yes			
	Over Temperature Protection	Yes			
	Leakage Protection	Yes			
	Over and Under Input Voltage Protection	Yes			
	Over and Under Output Voltage Protection	Yes			
	Over-current Protection	Yes			
	Certification Standards for Gun A	IEC 61851-1:2017, IEC 61851-23:2014, EN 61851-24:2014, EN 61851-21-1:2018			
	Certification Standard for Gun B	GB/T 18487-2023、GB/T 27930-2023、GB/T20234-2023			
	Operating Temperature	-30°C ~ +55°C			
Environment	Storage Temperature	-40°C ~ +70°C			
	Humidity	≤95% Dew Free			
	Altitude	≤2000m			
	Environment	Indoor or Outdoor			
Others	Cooling Method	Fan Cooling			
	Noise	Grade II			
	Ingress Protection	IP54			
	Installation	Floor-stand			
	Product Dimension	1960*1040*500 mm(H*W*D)			
	Net Weight	327kg			368kg
	Packaging	Wooden case			

ZJ-EU Series DC Charger

**Model : RHDC60K-ZJ-EU / RHDC80K-ZJ-EU /
RHDC120K-ZJ-EU / RHDC160K-ZJ-EU**

-  **PDU Modular Design for fast installation and maintenance**
-  **Integrated wiring and robust outer shell for noise reduction**
-  **Dual SIM reducing the risk of disconnection**
-  **Cost effective maintenance with the Plug-In Control Module**
-  **Comprehensive electrical safety protections**
-  **Voice Over Instruction System and many smart features included**
-  **Suitable for all types of public charging**









ZJ-EU Series DC Charger

Specifications	Model	RHDC60K-ZJ-EU	RHDC80K-ZJ-EU	RHDC120K-ZJ-EU	RHDC160K-ZJ-EU
Input	Power Supply	3P+N+PE			
	Rated Voltage	400V/AC±15%			
	Frequency	50/60 Hz			
	Input Power Factor	≥0.98(20% ~ 100% Load)			
	Total Harmonics of Input Current	≤5%(50% ~ 100% Load)			
Output	Rated Power	60kW	80kW	120kW	160kW
	Rated Current	60A	80A	120A	160A
	Rated Voltage	1000V/DC			
	Voltage Range	150-1000V/DC			
	Constant Power Output Voltage Range	300-1000V/DC			
	Maximum Current of Each Gun	200A			
	Current Range of Each Gun	0-200A			
	Maximum Efficiency	≥95%(50% ~ 100% Load)			
	Current Regulation Accuracy	≤±1%			
	Voltage Regulation Accuracy	≤±0.5%			
User Interface	LED Indicators	LED(Green、Blue、Red)			
	LCD Display	10.1"Touch LCD Screen			
	Starting Methods	POS,RFID Reader,Plug&Play,APP			
	Cable Length	5m			
	Number of Charging Guns	Dual			
Network Connection	LAN	Yes			
	4G	Optional			
Protocol	OCP	OCPP1.6J			
	Certification Standards	IEC 61851-1:2017, IEC 61851-23:2014, EN 61851-24:2014, EN 61851-21-1:2018			
Safety Measures	Short Circuit Protection	Yes			
	Over Load Protection	Yes			
	Over Temperature Protection	Yes			
	Leakage Protection	Yes			
	Over and Under Input Voltage Protection	Yes			
	Over and Under Output Voltage Protection	Yes			
	Over-current Protection	Yes			
Operating Conditions	Operating Temperature	-30°C ~ +55°C			
	Storage Temperature	-40°C ~ +70°C			
	Humidity	≤95% Dew Free			
	Altitude	≤2000m			
	Environment	Indoor or Outdoor			
Others	Cooling Method	Fan Cooling			
	Noise	Grade II			
	Ingress Protection	IP54			
	Installation	Floor-stand			
	Product Dimension	1830*836*670(H*W*D)			
	Net Weight	350kg		375kg	390kg
	Packaging	Wooden case			

ZJ-EU Series DC Supercharger

**Model : RHDC180K-ZJ-EU / RHDC240K-ZJ-EU /
RHDC320K-ZJ-EU/ RHDC360K-ZJ-EU**

-  **PDU Modular Design for fast installation and maintenance**
-  **Integrated wiring and robust outer shell for noise reduction**
-  **Dual SIM reducing the risk of disconnection**
-  **Cost effective maintenance with the Plug-In Control Module**
-  **Comprehensive electrical safety protections**
-  **Voice Over Instruction System and many smart features included**
-  **Suitable for all types of public charging**



ZJ-EU Series DC Supercharger

Specifications	Model	RHDC180K-ZJ-EU	RHDC240K-ZJ-EU	RHDC320K-ZJ-EU	RHDC360K-ZJ-EU
Input	Power Supply	3P+N+PE			
	Rated Voltage	400V/AC±15%			
	Frequency	50/60 Hz			
	Input Power Factor	≥0.98(20% ~ 100% loading)			
	Total Harmonics of Input Current	≤5%(50% ~ 100% loading)			
Output	Rated Power	180kW	240kW	320kW	360kW
	Rated Current	180A	240A	320A	360A
	Rated Voltage	1000V/DC			
	Voltage Range	150-1000V/DC			
	Constant Power Output Voltage Range	300-1000V/DC			
	Maximum Current of Each Gun	200A			
	Current Range of Each Gun	0-200A			
	Maximum Efficiency	≥95%(50% ~ 100% loading)			
	Current Regulation Accuracy	≤±1%			
	Voltage Regulation Accuracy	≤±0.5%			
User Interface	LED Indicators	LED(Green, Blue, Red)			
	LCD Display	10.1"Touch LCD Screen			
	Starting Methods	RFID Reader, Plug&Play, APP			
	Cable Length	5m			
	Number of Charging Guns	Dual			
Network Connection	LAN	Yes			
	4G	Optional			
Protocol	OCP	OCPP1.6J			
	Certification Standards	IEC 61851-1:2017, IEC 61851-23:2014, EN 61851-24:2014, EN 61851-21-1:2018			
Safety Measures	Short Circuit Protection	Yes			
	Over Load Protection	Yes			
	Over Temperature Protection	Yes			
	Leakage Protection	Yes			
	Over and Under Input Voltage Protection	Yes			
	Over and Under Output Voltage Protection	Yes			
	Over-current Protection	Yes			
Operating Conditions	Operating Temperature	-30°C ~ +55°C			
	Storage Temperature	-40°C ~ +70°C			
	Humidity	≤95% Dew Free			
	Altitude	≤2000m			
	Environment	Indoor or Outdoor			
Others	Cooling Method	Fan Cooling			
	Noise	Grade II			
	Ingress Protection	IP54			
	Installation	Floor-stand			
	Product Dimension	1830*836*751 (H*W*D)			
	Net Weight	425kg		455kg	470kg
	Packaging	Wooden case			