

Line up * Higher power specifications are not listed.

Voltage	Model	Current	Power	Voltage	Model	Current	Power
80V	HTRP-V08C170-502	170A	5kW	200V	HTRP-V14C210-153	210A	15kW
	HTRP-V08C340-102	340A	10kW		HTRP-V14C420-303	420A	30kW
	HTRP-V08C510-153	510A	15kW		HTRP-V14C630-453	630A	45kW
	HTRP-V08C1020-303	1020A	30kW		HTRP-V14C840-603	840A	60kW
	HTRP-V08C1530-453	1530A	45kW		-	-	-
	HTRP-V08C2040-603	2040A	60kW		-	-	-
	HTRP-V08C2550-753	2550A	75kW		-	-	-
	HTRP-V08C3060-903	3060A	90kW		-	-	-
Voltage	Model	Current	Power	Voltage	Model	Current	Power
300V	HTRP-V1EC75-602	75A	6kW	400V	HTRP-V28C120-153	120A	15kW
	HTRP-V1EC150-123	150A	12kW		HTRP-V28C240-303	240A	30kW
	HTRP-V1EC225-183	225A	18kW		HTRP-V28C360-453	360A	45kW
	HTRP-V1EC450-363	450A	36kW		HTRP-V28C480-603	480A	60kW
	HTRP-V1EC675-543	675A	54kW		-	-	-
	HTRP-V1EC900-723	900A	72kW		-	-	-
	HTRP-V1EC1125-903	1125A	90kW		-	-	-
Voltage	Model	Current	Power	Voltage	Model	Current	Power
500V	HTRP-V32C40-602	40A	6kW	800V	HTRP-V50C25-602	25A	6kW
	HTRP-V32C80-123	80A	12kW		HTRP-V50C50-123	50A	12kW
	HTRP-V32C120-183	120A	18kW		HTRP-V50C75-183	75A	18kW
	HTRP-V32C240-363	240A	36kW		HTRP-V50C150-363	150A	36kW
	HTRP-V32C360-543	360A	54kW		HTRP-V50C225-543	225A	54kW
	HTRP-V32C480-723	480A	72kW		HTRP-V50C300-723	300A	72kW
	HTRP-V32C600-903	600A	90kW		HTRP-V50C375-903	375A	90kW
	HTRP-V32C90-153	90A	15kW		HTRP-V50C75-153	75A	15kW
	HTRP-V32C180-303	180A	30kW		HTRP-V50C150-303	150A	30kW
	HTRP-V32C270-453	270A	45kW		HTRP-V50C225-453	225A	45kW
	HTRP-V32C360-603	360A	60kW		HTRP-V50C300-603	300A	60kW
Voltage	Model	Current	Power	Voltage	Model	Current	Power
1000V	HTRP-V64C40-123	40A	12kW	1200V	HTRP-V78C40-153	40A	15kW
	HTRP-V64C80-243	80A	24kW		HTRP-V78C80-303	80A	30kW
	HTRP-V64C120-363	120A	36kW		HTRP-V78C120-453	120A	45kW
	HTRP-V64C160-483	160A	48kW		HTRP-V78C160-603	160A	60kW
Voltage	Model	Current	Power	Voltage	Model	Current	Power
1500V	HTRP-V96C25-123	25A	12kW	2250V	HTRP-VE1C25-183	25A	18kW
	HTRP-V96C40-183	40A	18kW		HTRP-VE1C50-363	50A	36kW
	HTRP-V96C50-243	50A	24kW		HTRP-VE1C75-543	75A	54kW
	HTRP-V96C80-363	80A	36kW		HTRP-VE1C100-723	100A	72kW
	HTRP-V96C120-543	120A	54kW		HTRP-VE1C125-903	125A	90kW
	HTRP-V96C160-723	160A	72kW		-	-	-
	HTRP-V96C200-903	200A	90kW		-	-	-

General specification table

Voltage rise slope	
Maximum slope	6000V/s
Voltage drop time	
No load	<2s
Full load	≤30ms
Transient response	10% ~ 90% dynamic load, the time required for voltage recovery to 0.75% of rated value within the accuracy range is less than 2ms.
Paralleling	Supports 10 masters and slaves of the same model with capacity expansion.
Protection	Over-voltage, over-current, over-power, over-temperature, under-voltage, etc.
Communication interface	LAN、USB serial port (Optional GPIB、CAN、RS485)
Communication protocol	SCPI、MODBUS、CAN-Open protocols
Input characteristics	
Input voltage	340VAC~460VAC, Frequency: 47Hz~63Hz
Power factor	0.99 (typical values)
Efficiency	>93% (typical values)
Operating environment	
Operating temperature	0°C~40°C
Storage temperature	-20°C~70°C
Altitude of use	<2000m
Heat dissipation method	Air-cooled, intelligent air control

Specification table - 1

Model	HTRP-V08C170-502	-	-	HTRP-V32C30-502	HTRP-V50C25-602	-	
Voltage	0~80V	-	-	0~500V	0~800V	-	
Current	0~170A	-	-	0~30A	0~25A	-	
Power	0~5kW	-	-	-	-	-	
Model	HTRP-V08C340-102	-	-	HTRP-V32C60-902	HTRP-V50C50-123	-	
Voltage	0~80V	-	-	0~500V	0~800V	-	
Current	0~340A	-	-	0~60A	0~50A	-	
Power	0~10kW	-	-	-	-	-	
Model	HTRP-V08C510-153	HTRP-V14C210-153	HTRP-V28C120-153	HTRP-V32C90-153	HTRP-V50C75-183	HTRP-V78C40-153	
Voltage	0~80V	0~200V	0~400V	0~500V	0~800V	0~1200V	
Current	0~510A	0~210A	0~120A	0~90A	0~75A	0~40A	
Power	0~15kW	-	-	-	-	-	
Model	HTRP-V08C1020-303	HTRP-V14C420-303	HTRP-V28C240-303	HTRP-V32C180-303	HTRP-V50C150-363	HTRP-V78C80-303	
Voltage	0~80V	0~200V	0~400V	0~500V	0~800V	0~1200V	
Current	0~1020A	0~420A	0~240A	0~180A	0~150A	0~80A	
Power	0~30kW	-	-	-	-	-	
Model	HTRP-V08C2040-603	HTRP-V14C840-603	HTRP-V28C480-603	HTRP-V32C360-603	HTRP-V50C300-723	HTRP-V78C160-603	
Voltage	0~80V	0~200V	0~400V	0~500V	0~800V	0~1200V	
Current	0~2040A	0~840A	0~480A	0~360A	0~300A	0~160A	
Power	0~60kW	-	-	-	-	-	
Model	HTRP-V08C3060-903	-	-	HTRP-V32C540-813	HTRP-V50C450-1083	HTRP-V78C240-903	
Voltage	0~80V	-	-	0~500V	0~800V	0~1200V	
Current	0~3060A	-	-	0~540A	0~450A	0~240A	
Power	0~90kW	-	-	-	-	-	
Model	-	-	-	HTRP-V32C720-1083	HTRP-V50C600-1443	HTRP-V78C320-1203	
Voltage	~	-	-	0~500V	0~800V	0~1200V	
Current	~	-	-	0~720A	0~600A	0~320A	
Power	0~120kW	-	-	-	-	-	
Voltage programming①							
Resolution	16bits						
Accuracy	0.02%+0.02%F.S.						
Current programming①							
Resolution	16bits						
Accuracy	0.1%+0.1%F.S.						
Power programming①							
Accuracy	1%F.S.						
External analog programming①							
Control voltage	0~5V corresponds to 0~100%F.S.						
Voltage accuracy	0.5%F.S.						
Current accuracy	0.5%F.S.						
Linear adjustment rate②							
Voltage	0.02%F.S.						
Current	0.05%F.S.						
Power	0.05%F.S.						
Load adjustment rate③							
Voltage	0.05%F.S.						
Current	0.15%F.S.						
Power	0.75%F.S.						
Voltage measurement①							
Resolution	16bits						
Accuracy	0.02%+0.02%F.S.						
Current measurement①							
Resolution	16Bits						
Accuracy	0.1%+0.1%F.S.						
Power measurement①							
Accuracy	1%F.S.						
Output noise & ripple④							
Voltage ripple (p-p)	5kW	160mV	300mV	550mV	450mV	800mV	-
	10kW	320mV	300mV	550mV	450mV	800mV	-
	15kW	320mV	300mV	550mV	450mV	800mV	2000mV
Voltage ripple (rms)	5kW	16mV	40mV	65mV	70mV	200mV	-
	10kW	25mV	40mV	65mV	70mV	200mV	-
	15kW	25mV	40mV	65mV	70mV	200mV	350mV
Dimension (WxHxD)	5kW~18kW: 482.6mm x 132.5mm x 702.0mm, Includes output cover						
	20kW~36kW: 482.6mm x 266mm x 738.0mm, Includes cover, without casters						
Weight	5kW≈17kg, 10kW≈24kg, 15kW≈30kg, 30kW≈65kg						

Specification table - 2

Model	HTRP-V1EC75-602	HTRP-V32C40-602	HTRP-V50C25-602	-	-	-
Voltage	0~300V	0~500V	0~800V	-	-	-
Current	0~75A	0~40A	0~25A	-	-	-
Power	0~6kW					
Model	HTRP-V1EC150-123	HTRP-V32C80-123	HTRP-V50C50-123	HTRP-V64C40-123	HTRP-V96C25-123	-
Voltage	0~300V	0~500V	0~800V	-	0~1000V	0~1500V
Current	0~150A	0~80A	0~50A	-	0~40A	0~25A
Power	0~12kW					
Model	HTRP-V1EC300-243	HTRP-V32C160-243	HTRP-V50C100-243	HTRP-V64C80-243	HTRP-V96C50-243	-
Voltage	0~300V	0~500V	0~800V	0~1000V	0~1500V	-
Current	0~300A	0~160A	0~100A	0~80A	0~50A	-
Power	0~24kW					
Model	HTRP-V1EC450-363	HTRP-V32C240-363	HTRP-V50C150-363	HTRP-V64C120-363	HTRP-V96C80-363	HTRP-VE1C50-363
Voltage	0~300V	0~500V	0~800V	0~1000V	0~1500V	0~2250V
Current	0~450A	0~240A	0~150A	0~120A	0~80A	0~50A
Power	0~36kW					
Model	HTRP-V1EC900-723	HTRP-V32C480-723	HTRP-V50C300-723	HTRP-V64C240-723	HTRP-V96C160-723	HTRP-VE1C100-723
Voltage	0~300V	0~500V	0~800V	0~1000V	0~1500V	0~2250V
Current	0~900A	0~480A	0~300A	0~240A	0~160A	0~100A
Power	0~72kW					
Model	HTRP-V1EC1125-903	HTRP-V32C600-903	HTRP-V50C375-903	HTRP-V64C300-903	HTRP-V96C200-903	HTRP-VE1C125-903
Voltage	0~300V	0~500V	0~800V	0~1000V	0~1500V	0~2250V
Current	0~1125A	0~600A	0~375A	0~240A	0~200A	0~125A
Power	0~90kW					
Model	HTRP-V1EC1350-1083	HTRP-V32C720-1083	HTRP-V50C450-1083	HTRP-V64C360-1083	HTRP-V96C240-1083	HTRP-VE1C150-1083
Voltage	0~300V	0~500V	0~800V	0~1000V	0~1500V	0~2250V
Current	0~1350A	0~720A	0~450A	0~360A	0~240A	0~150A
Power	0~108kW					
Voltage programming^①						
Resolution	16bits					
Accuracy	0.02%+0.02%F.S.					
Current programming^①						
Resolution	16bits					
Accuracy	0.1%+0.1%F.S.					
Power programming^①						
Accuracy	1%F.S.					
External analog programming^①						
Control voltage	0~5V corresponds to 0~100%F.S.					
Voltage accuracy	0.5%F.S.					
Current accuracy	0.5%F.S.					
Linear Adjustment Rate^②						
Voltage	0.02%F.S.					
Current	0.05%F.S.					
Power	0.05%F.S.					
Load Adjustment Rate^③						
Voltage	0.05%F.S.					
Current	0.15%F.S.					
Power	0.75%F.S.					
Voltage Measurement^①						
Resolution	16bits					
Accuracy	0.02%+0.02%F.S.					
Current Measurement^①						
Resolution	16Bits					
Accuracy	0.1%+0.1%F.S.					
Power Measurement^①						
Accuracy	1%F.S.					
Output Noise & Ripple^④						
Voltage ripple (p-p)	300mV	450mV	800mV	2000mV	2400mV	3600mV
Voltage ripple (rms)	40mV	70mV	200mV	350mV	400mV	400mV
Dimension (WxHxD)	6kW~18kW: 482.6mm x 132.5mm x 707.0mm, Includes output cover 24kW~36kW: 482.6mm x 266mm x 743.0mm, Includes cover, without casters					
Weight	6kW≈17kg, 12kW≈24kg, 18kW≈30kg, 36kW≈65kg					