

CHARGING SOLUTION



The TOPOW's chargers are widely applicable for intelligent charging in various vehicles, including two-wheeled vehicles, three-wheeled vehicles, UAV, eVTOL, AGVs, Robots, sightseeing vehicles, sanitation and cleaning vehicles, beach vehicles, marine vessels, as well as low-speed electric vehicles and special-purpose vehicles.

CORE COMPETENCIES

Safe, portable and environmentally friendly

Compatible with a wide range of vehicles and battery types, including lithium and lead-acid batteries

Versatility

Provides efficient charging, reducing downtime and increasing the operational readiness of the vehicles

Efficiency

Smart charging technology optimizes the charging process, ensuring battery health and longevity

Intelligent

Equipped with safety features to protect against overcharging, short circuits, and other potential hazards

Safety

SPECIFICATIONS

Model	TPC580S58A	TPC1800S58A
Picture		
Input Voltage Range	90-264Vac	176-264Vac
Maximum Input Current	8A	15A
Power Factor	>0.95	>0.95
Output Voltage Range	35Vdc-58.8Vdc	35Vdc-58.8Vdc
Output Rated Voltage	58Vdc	58Vdc
Maximum Output Current	10A	31A
Maximum Output Power	580W	1800W
Efficiency	≥92%	≥90%
Operating Temperature	-20°C~+40°C	-25°C~+45°C
Storage Temperature	-20°C~+70°C	-20°C~+70°C
Protection Level	OCP/OVP/OTP/SCP	
Cooling	Forced Air Cooling	
Dimensions	216*103*50mm	267*144*77mm

SPECIFICATIONS

Model	TPC3200S48A	TPC6000S48A	TPC10000S100A
Picture			
Input Voltage Range	90-265Vac	320-440Vac	260-520Vac
Maximum Input Current	18A	12A	20A
Power Factor	≥ 0.99	≥ 0.93	≥ 0.94
Output Voltage Range	32Vdc-64Vdc	32Vdc-64Vdc	30Vdc-120Vdc
Output Rated Voltage	48Vdc	48Vdc	100Vdc
Maximum Output Current	60A	100A	100A
Maximum Output Power	3200W	6000W	10000W
Efficiency	$\geq 93\%$	$\geq 94\%$	$\geq 94\%$
Operating Temperature	-20°C~+45°C	-20°C~+45°C	-20°C~+65°C
Storage Temperature	-40°C~+70°C	-40°C~+70°C	-40°C~+80°C
Protection Level	IP20		
Cooling	Forced Air Cooling		
Dimensions	274*102*84mm	346*188*68mm	384*212*70mm