



MEDALPOWER

30kw

**Medal Power
DC FAST CHARGER**



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DC FAST CHARGER

- Small size, easy installation, variety of charging.
- It has a number of active protection measures such as temperature detection, short circuit, overload, etc., to ensure charging safety.
- It is environmentally adaptable and can be used in icy snow at -20°C or in the hot desert at 50°C .
- Actively participate in the monitoring of the charging process and ensure charging safety through deep BMS interaction.

Specifications

Power	30KW
Rated input current	48A
Input voltage	400VAC $\pm 10\%$, 3-Phase+N+PE
Output voltage	200-1000VDC
Factor	≥ 0.99
frequency	$50 \pm 1\text{Hz}$
Operating /storage temperature	$-20^{\circ}\text{C} \sim +50^{\circ}\text{C} / -40^{\circ}\text{C} \sim +80^{\circ}\text{C}$
Peak efficiency	$\geq 95\%$
Relative humidity	5%~95% No condensation
Background communication	Ethernet/4G
Output voltage error	$\leq \pm 0.5\%$
Output current error	$\geq 30\text{A}, \leq \pm 1\%$; $< 30\text{A}, \leq \pm 0.3\text{A}$
Maximum altitude	2000m
Heat dissipation method	Forced cold air
Voltage regulation accuracy	$\leq \pm 0.5\%$
Weight	65KG (Modules included)
Working environment	Indoor or outdoor
Protection	IP54
Body dimensions (W x D x H)	750*520*280(mm)

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