

ARPV-ST12100 PFC (12V, 8.3A, 100W)

ARPV-ST24100 PFC (24V, 4.2A, 100W)

Full sealed aluminum case, IP67 level

Universal AC input/Full range

Built-in Active PFC function (0.99 Typical)

High efficiency, low loss, high reliability

Protections: Over load/ Short circuit/ Over voltage/Over heat

Meet 4KV surge immunity level

CQC CE TUV UL Approval

2 years warranty

Case: 612 Size: 183x68x40mm



AC input voltage range.....90-305VAC

AC inrush current.....Cold start, 70A/ 230VAC

Start time.....500mS at full load

Output over load protection....110%-130% rated output current, auto-recovery

Output over voltage protection...110%-130% rated output voltage

Withstand voltage..... I/P-O/P:3.75KVAC, I/P-FG: 2KVAC, O/P-FG: 0.5KVAC

Working temperature.....-40°C ~+70°C @ (refer to temperature derating curve)

Storage temperature.....-40°C ~+85°C @100% 20%~95%RH (non condensing)

Safety standards.....EN60598-1, EN60950-1, EN61347-2-13

EMC standards.....EN55015, EN55022 class B, EN61000-3-2 class C

Cooling method.....Free air cooling convection

Product model	DC output	Tol.	R&N	Efficiency
ARPV-ST24100	12V,0~8.3A	±3%	150mV	88%
ARPV-ST24100	24V,0~4.2A	±3%	200mV	90%

