LED constant voltage waterproof switching power supply 30W

Features：
·Constant voltage style power supply
·170～264VAC AC input
·Small volume，low weight，high efficiency
·Protections：short circuit/over load/over voltage/over tem
·Cooling by free air convection
·Fully encapsulated with IP67 level
·100% full load burn-in test
·2Year warranty

LPV-30W-N				
Model		LPV-30N-12	LPV-30N-24	LPV-30N-36
OUTPUT	DC voltage	12V	24V	36V
	Voltage tolerance	±1%	±1%	±1%
	Rated current	2.5A	1.3A	0.8A
	Current range	0~2.5A	0~1.3A	0~0.8A
	Rated power	30W	31.2W	28.8W
	Ripple&noise	100mvp-p	100mvp-p	150mvp-p
INPUT	Voltage range	170~264VAC，235~373VDC		
	Frequency	47~63Hz		
	AC current	0.42A/230VAC		
	Efficiency	78%	80%	82%
	Inrush current	Cold start current 30A/230VAC		
PROTECTION	Leakage current	<0.5mA/240VAC		
	Over load	Rated output power 105%~135%start over load protection		
		Protection type：hiccup mode，auto-recovery after fault condition is removed		
	Over voltage	15.6~17.8V	30.6~33.2V	42.6~44.2V
		Protection type：hiccup mode，auto-recovery after fault condition is removed		
	Over temperature	when temperature of transistor inner node is over 150℃，start over temperature protection		
		Protection mode：cutoff output，auto-recovery after temperature become normal		
ENVIRONMENT	Workingtemp,humidity	-10℃~+60℃，20%~90%RH		
	Storage temp.humidity	-20℃~+85℃，10%~95%RH non condensing		
SAFETY	Withstand vibration	10~500HZ，2G 10min/1cycle，period for 60minutes，each axes		
	Withstand voltage	I/P-O/P：1.5KVAC		
	Isolated resistance	I/P-O/P：100M ohms/500VDC		
FITSTANDARDS	Safety standard	Fit UL1012，IP67 protect level		
	EMC standard	Fit EN55022，CLASSA		
OTHERS	Dimension	203*32*22mm (L*W*H)		
	Weight/packing	0.24kg/80pcs/20kg/0.029 m³/1.01CUFT		
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 ℃ of ambient temperature.			
	2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.			
	3. Tolerance : includes set up tolerance, line regulation and load regulation.			