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Solar Centrifugal Surface Pump PS600

Description	Solar Operation	Battery Operation
Max. flow rate [m ³ /h]	15	13
Max. lift [m]	14	13
Ambient temperature [oC]	-30 to +45	
Controller		
Input voltage	Solar generator: nominal voltage 48-72 V DC, open circuit voltage max. 150 V DC	Battery, DC source: nominal voltage 48 V DC
Type of enclosure	IP 54	
Dimensions (Net – L x W x H / Weight)	395 x 175 x 165 mm / 4.5 kg	
Dimensions (Packed – L x W x H / Weight)	450 x 250 x 250 mm / 5.3 kg	
Motor		
Model	ECDRIVE 600 BADU Top	
Max. power input [W]	600	
Type of enclosure	IP X4	
Class of insulation	F	
Pump End		
Suction / max. positive inlet lift	3.0 m	
Max. casing pressure	2.5 bar	
Max. water temperature	+60 oC	
Dimensions (Complete)		
Dimensions (Net – L x W x H / Weight)	520 x 220 x 350 mm / 8.7 kg	

Chart: Solar-direct Operation

solar generator: Ump 60-100VDC (4-6 standard 12V modules, wired in series), Uoc max. 150V

