



ELECTRIC CHARACTERISTICS

TYPE	LDK-165D-24	LDK-170D-24	LDK-175D-24	LDK-180D-24
Max Power at STC* (Pmax) [W]	165	170	175	180
Max Power Tolerance [%]	±3			
Max Power Voltage (Vmp) [V]	35.2	35.4	35.9	36.2
Max Power Current (Imp) [A]	4.68	4.76	4.87	4.98
Open Circuit Voltage (Voc) [V]	44.2	44.5	44.7	44.9
Open Circuit Current (Isc) [A]	5.40	5.42	5.43	5.46
Maximum System Voltage (VCD) [V]	1000			
Cell Efficiency η_c [%]	15.85	16.33	16.81	17.28
Modul Efficiency η_m [%]	12.87	13.26	13.66	14.05
Solar Cell Typ	Multicrystalline Silicon Solar Cells 125x125 mm			
Number of Cells	72 (6x12)			
Temperature Coefficient of Pmax [%/°C]	-0.47			
Temperature Coefficient of Voc [%/°C]	-0.36			
Temperature Coefficient of Isc [%/°C]	0.065			
NOCT (Nominal Operation Cell Temp.) [°C]	45±2			

STC* (Standard Test Condition): irradiance 1000W/m², Module Temperature 25°C, Air Mass 1.5

MECHANICAL CHARACTERISTICS

TYPE	LDK-165D-24	LDK-170D-24	LDK-175D-24	LDK-180D-24
Dimensions of Module AxBxC* [mm]	1586x808x40			
Weight [kg]	15.6			
Type of Connector	MC4			

PACKING CONFIGURATION

TYPE	LDK-165D-24	LDK-170D-24	LDK-175D-24	LDK-180D-24
Packing Configuration	2 pcs./box			
Quantity/Pallet	40 pcs./pallet or 46 pcs./pallet			
Lording Capacity	560 pcs./40 ft or 644 pcs./40 ft. (H)			

ABSOLUTE RATINGS

TYPE	LDK-165D-24	LDK-170D-24	LDK-175D-24	LDK-180D-24
Dielectric Insulation Voltage (VCD) [V]	< 3000			
Operating Temperature [°C]	-40 ÷ +85			
Storage Temperature [°C]	-40 ÷ +85			